MARYLAND & RARE BOOK ROOM
NIVERSITY OF MARYLAND LIBRARY,
LLEGE PARK, MD.

LIBRARY
UNIVERSITY OF MARYLAND
COLLEGE PARK, MD.

DO NOT CIRCULATE

Digitized by the Internet Archive
in 2011 with funding from
LYRASIS Members and Sloan Foundation

http://www.archive.org/details/mayorsmessage18831balt

Baltimore. Mayor

THE

# MAYOR'S MESSAGE,

AND

## REPORTS OF THE CITY OFFICERS,

MADE TO THE

## *CITY COUNCIL OF BALTIMORE*

FOR THE YEAR 1883.

BALTIMORE:
PRINTED BY JOHN B. PIET & CO.,
CITY PRINTERS.
1884.

LIBRARY
UNIVERSITY OF MARYLAND
COLLEGE PARK MD

Maryland
JS
584
.A3
1883
pt.1

# INDEX.


| | Page. |
|---|---|
| Mayor's Message | 1 |
| Corporation Officers | 77 |
| City Register | 137 |
| Department of Finance | 203 |
| City Comptroller | 249 |
| General Superintendent of Lamps and Inspector and Sealer of Gas Meters | 409 |
| Inspector of Buildings | 429 |
| Judges Appeal Tax Court | 445 |
| City Solicitor | 461 |
| Trustees of the Poor | 493 |
| Park Commission | 543 |
| Health Department | 591 |
| Harbor Board | 743 |
| City Commissioner | 771 |
| Jones' Falls Commission | 863 |
| McDonogh Educational Fund Trustees | 883 |
| Water Department | 937 |
| Inspector of Gas and Illuminating Oils | 1041 |
| Commissioner of Street Cleaning | 1055 |
| City Librarian | 1103 |
| Visitors to Jail | 1111 |
| Fire Marshal | 1159 |
| City Collector | 1359 |
| Commissioners for Opening Streets | 1383 |
| Public Schools | |


267363

# MAYOR'S MESSAGE.

BALTIMORE, January 1, 1884.

*To the Honorable the Members of*
*the City Council of Baltimore:*

GENTLEMEN:

In accordance with the requirements of the City Charter, I have the honor to submit the following Message. It contains a statement of the financial condition of the corporation on the 31st of December, 1883, a review of the operations of its different departments, obtained from reports furnished by the chief officers thereof, and some suggestions in connection with the municipal government:

*The Financial Condition of the Corporation on December* 31, 1883.

| | |
|---|---|
| Amount of funded debt December 31, 1883..... | $36,629,991 73 |
| Amount of guaranteed liabilities December 31, 1883 ..... | 1,492,000 00 |
| Amount carried forward.. | $38,121,991 73 |

| | | |
|---|---|---|
| Amount brought forward.. | | $38,121,991 73 |
| Less amount of cash in bank set aside for the redemption of Water Stock 1875, now outstanding..... | | 1,840 00 |
| | | $38,120,151 73 |
| Of this amount, interest is provided or paid as follows: | | |
| The Baltimore and Ohio Railroad Company upon | $5,000,000 00 | |
| The City Passenger Railway Companies upon.. | 755,566 25 | |
| The Water Board, from income, upon..... | 9,500,000 00 | |
| The Union Railroad Company upon..... | 117,000 00 | |
| The Western Maryland Railroad Company upon | 702,000 00 | |
| | | $16,074,566 25 |
| | | $22,045,585 48 |
| *Productive Investments.* | | |
| The Baltimore and Ohio Railroad Stock, 32,500 shares, at $190 per share. | $6,175,000 00 | |
| Baltimore and Reisterstown Turnpike Company Stock, 550 shares.. | 1,500 00 | |
| The Sinking Funds, value. | 8,690,448 41 | |
| Amounts carried forward. | $14,866,948 41 | $22,045,585 48 |

| | | | |
|---|---|---|---|
| Amounts brought forward. | | $14,866,948 41 | $22,045,585 48 |
| The Frederick Turnpike Company Stock, 137 shares | | 206 00 | |
| The real estate, annual rental. | 7,746 76 | | |
| The wharf property, annual rental | 38,000 00 | | |
| The market houses, annual income. | 50,000 00 | | |
| | $95,746 76 | | |
| This provides interest upon | | 1,595,779 00 | |
| | | | 16,462,933 41 |
| Balance of debt over available interest-bearing securities | | | $5,582,652 07 |
| *Unproductive Investments.* | | | |
| Western Maryland Railroad Company, 4,000 shares | | $200,000 00 | |
| Western Maryland Railpany, mortgages to secure endorsement and loan of City Stock | | 2,175,000 00 | |
| Western Maryland Railroad Company, accrued interest advanced | | 1,642,500 00 | |
| Amount carried forward. | | | $4,017,500 00 |

| | | |
|---|---|---|
| Amount brought forward.. | | $4,017,500 00 |
| Baltimore, Susquehanna and Tide Water Canal Company Stock, 7,600 shares..... | 380,000 00 | |
| Baltimore and Hall Springs Railway Company Stock, 1,067 shares, par value $20 ..... | 21,340 00 | |
| Valley Railroad Company of Virginia Stock..... | 1,000,000 00 | 1,401,340 00 |
| | | 5,418,840 00 |

Baltimore and Yorktown Turnpike Company Stock 625 shares.....

Baltimore and Havre de Grace Turnpike Company Stock, 120 shares .....

COMPARISON OF DEBT, DECEMBER 31, 1883, WITH THE DEBT DECEMBER 31, 1882.

| | |
|---|---|
| Amount of funded and guaranteed debt December 31, 1883 ..... | $38,120,151 73 |
| Amount of funded and guaranteed debt December 31, 1882 ..... ... | 36,940,851 73 |
| Increase of debt during the year ..... | $ 1,179,300 00 |
| From this amount is to be deducted being the amount of water loan 1875, redeemed during the year..... | 3,000 00 |
| Leaving the net increase of the funded debt in 1883..... | $ 1,176,300 00 |

| | |
|---|---|
| This increase of the funded debt in 1883 was caused as follows: | |
| Issue of certificates authorized by Ordinance No. 140, approved May 26, 1880, known as Paving Loan 1920—4 per cent..... | $259,800 00 |
| Certificates of Jones' Falls Improvement Loan, 5 per cent., 1900..... | 88,500 00 |
| Certificates as authorized by Ordinance No. 91, of 1882, for the completion of Lake Clifton, known as Water Loan 1922, 4 per cent..... | 500,000 00 |
| Certificates as authorized by Ordinance No. 120, of 1882, for the extention of Patterson Park..... | 200,000 00 |
| And Certificates for the Western Maryland Railroad 4 per cent. loan of 1925, authorized by Ordinance No. 71, of 1882..... | 131,000 00 |
| | $ 1,179,300 00 |
| From this amount must be deducted... | 3,000 00 |

being the amount of Water Loan 1875 redeemed during the year, leaving the net increase of funded debt as stated above, $1,176,300 00

The Western Maryland 4 per cent. 1925 loan was sold by public advertisement, realizing a premium of $13,100, which premium was paid over to the Commissioners of Finance, as required by ordinance. Two hundred thousand dollars of the paving 4 per cent. loan was sold, after public advertisement, to the Commissioners of Finance at a premium of $27,000;

$59,800 of the same loan, $88,500 of Jones' Falls improvement 5 per cent. loan, $500,000 of water loan 1922, and $200,000 of the Patterson Park extension loan were taken by the Commissioners of Finance at par, agreeably to the provisions of ordinance No. 64, approved May 14, 1883.

COMPARISON OF FINANCIAL STATEMENT DECEMBER 31, 1883, WITH STATEMENT DECEMBER 31ST, 1882.

| | | |
|---|---|---|
| Funded and guaranteed debt December 31, 1883. | $38,121,991 73 | |
| Deduct productive or interest paying assets.... | 32,539,339 66 | |
| Net debt December 31, 1883 ..... | 5,582,652 07 | |
| Funded and guaranteed debt December 31, 1882. | 36,945,691 73 | |
| Deduct productive or interest paying assets.... | 31,072,977 68 | |
| Net debt December 31, 1882 ..... | 5,872,714 05 | |
| Net debt December 31, 1882 ..... | | $ 5,872,714 05 |
| Net debt December 31, 1883 ..... | | 5,582,652 07 |
| Decrease of net debt during 1883 ..... | | $ 290,061 98 |

These statements show an increase in the funded debt of $1,176,300.00, and a decrease in the net debt of $290,061.98, which is thus explained: While the funded

debt has increased during the year $1,176,300.00, the value of the interest bearing assets has also increased $1,469,361.98, as follows:

| | | |
|---|---|---|
| Increase in value of Baltimore and Ohio Railroad Stock | | $ 325,000 00 |
| Increase in value of Sinking Fund | | 263,361 98 |
| Increase in value of wharf property as shown by increased revenue | | 50,000 00 |
| Interest paid by Water Board on increase of bonds | | 500,000 00 |
| Interest paid by City Railways on Patterson Park Stock | | 200,000 00 |
| Interest paid by Western Maryland Railroad on bonds | | 131,000 00 |
| | | $1,469,361 98 |
| Less increase in funded debt | $ 1,176,300 00 | |
| Add cash paid in 1883 for redemption of Water Stock | 3,000 00 | |
| | | 1,179,300 00 |
| Decrease of net debt | | $ 290,061 98 |
| The amount of funded and guaranteed debt, the interest on which is paid by taxation, is | | $13,453,186 82 |
| December 31st, 1882, the amount was | | 13,104,886 82 |

The following table will explain the reason why, although the actual funded and guaranteed debt amounts to 38,121,991.73 the tax-payers are only called upon to provide for interest on $13,453,186.82:

| | | |
|---|---|---|
| Total funded and guaranteed debt of the city, on which interest must be paid to the holders of said debt.... | | 38,121,991 73 |
| Deduct from this that portion of said debt upon which interest is paid to the city, viz.: | | |
| Overdue Water Stock, no interest allowed..... | 1,840 00 | |
| Overdue Stock, no interest allowed..... | 732 00 | |
| Balto. & Ohio R. R. Co., on..... | 5,000,000 00 | |
| Balto. & Ohio R. R. Co., on..... | 5,416,666 66 | |
| West. Md. R. R. Co., interest on first mortgage... | 200,000 00 | |
| City Pass. R. W. Companies, on..... | 755,566 25 | |
| Water Board on Water Loans..... | 9,500,000 00 | |
| Union R. R. Co., on..... | 117,000 00 | |
| Commissioners of Finance, who provide the interest on One Million Loan, W. Md. R. R. 1900 Loan and W. Md. R. R. Bonds, guaranteed..... | 3,175,000 00 | |
| West. Md. R. R. Co. interest on 1925 Loan..... | 502,000 00 | |
| | | 24,668,804 91 |
| Balance on which interest must be raised by taxation..... | | $13,453,186 82 |

SINKING FUNDS.

The following table gives the value of the sinking funds held by the Commissioners of Finance for the redemption of the debt. This fund is invested in city stock, ground rents on property the lease of which is held by the city, and a ground rent on property the lease of which is held by the Western Maryland Railroad Company. The interest on these securities is paid to the Commissioners of Finance and by them invested for the benefit of the sinking fund; the fund, therefore, rapidly increases by compound interest. The items of its investment are given in the report of the Commissioners of Finance:

| | |
|---|---|
| Value of sinking funds, estimating the city stock held by said fund at par, December 31st, 1883 | $8,690,448 41 |
| Value of fund December 31st, 1882 | 8,427,086 43 |
| Increase of sinking fund in year 1883. | $263,361 98 |

The following table will show the increase of the sinking fund since December 31st, 1878—*i. e.*, in five years:

| | |
|---|---|
| Value of sinking fund December 31st, 1883 | $8,690,448 41 |
| Value of sinking fund December 31st, 1878 | 6,978,965 20 |
| Increase of fund in five years | $1,711,483 21 |

The investments of the increment of the sinking fund being limited to the purchase of city stock, the fund has the disadvantage of paying large premiums for stock purchased on the market, for which stock,

when it becomes due, the fund only receives the face value. This is like an individual purchasing his own note at a high premium; it prevents a more rapid increase of the fund, and entails on the fund the certain loss of the premium paid. It is therefore desirable that in any future issues of stock by the city the Commissioners of Finance should be permitted to take so much of the stock as they may require for investment in the sinking fund, at its par value.

### WESTERN MARYLAND RAILROAD SINKING FUND.

The value of this sinking fund, held by the Register in trust for the redemption of the bonds of the Western Maryland Railroad Company, guaranteed by the city, and the loan to it, is now $224,491.97, an increase since last report of $10,380.50.

### FIVE MILLION LOAN SINKING FUND.

This Sinking Fund, for the redemption of the loan by the city to the Baltimore and Ohio Railroad Company, remains at a fixed sum, $2,425,000, the increment of which, by terms of ordinance No. 63 of 1881, is applied to the payment of interest on said loan as it becomes due. The amount so applied during the year 1883 was $141,079.

### STATEMENT OF THE CONDITION OF THE ENOCH PRATT FREE LIBRARY SINKING FUND HELD IN TRUST BY THE COMMISSIONERS OF FINANCE, AS PER ORDINANCE NO. 64 OF 1883.

| | |
|---|---|
| Baltimore City 5 Per Cent. Stock..... | $78,533 33 |
| " " 4 " " " ..... | 757,300 00 |
| Cash ..... | 8,938 08 |
| Total..... | $844,771 41 |

### CITY HALL LOAN OF 1884.

This loan of one million dollars, falling due July 1st, 1883, it is necessary to make provision for its payment. I agree with the City Register in suggesting the passage of an ordinance authorizing the Commissioners of Finance to dispose of so much of the securities held in the general sinking fund as may be necessary for the purpose, and to provide for the proper examination and cancellation of the certificates. The Commissioners of Finance now hold $319,200 of this loan.

### RECEIPTS AND EXPENDITURES.

The following table will show the receipts of the city from collections of taxes and other sources, applicable to the support of the city government, for the year ending December 31, 1883:

| | | |
|---|---|---|
| From City Collector, levy of 1883 | $2,666,021 64 | |
| " City Collector, levies of previous years | 1,043,597 52 | |
| | | $3,709,619 16 |
| " public schools, tuition fees and J. F. Plummer | | 46,573 58 |
| " market houses, rent of stalls | | 50,902 53 |
| " wharfage | | 38,253 33 |
| " general licenses | | 40,542 85 |
| " auction duties | | 7,295 06 |
| " sale of city property | | 2,250 00 |
| " Baltimore and Ohio Railroad Company dividend on stock | | 325,000 00 |
| " Health Department, sale of refuse, and Quarantine Hospital | | 9,946 42 |
| " permits for sheds, signs, &c | | 9,034 27 |
| " aggregate of Sundry items | | 15,455 00 |
| | | $4,254,872 20 |

| | |
|---|---|
| The income of the city in 1883 applicable to the support of the city government as shown by the above table was | $4,254,872 20 |
| Income for 1882 | 3,897,867 14 |
| Income over 1882 | $357,005 06 |

This increase of revenue is due to an increase of the tax levy from $1.37 in 1882 to $1.50 in 1883, and a larger collection by the City Collector of taxes in arrear, the collection of back taxes in 1882 being $883,102.14, and in 1883 $1,043,597.52.

The following table will show the actual expenses of the City Government, for the year ending December 31st, 1883.

| | |
|---|---|
| Interest on the public debt | $1,068,037 86 |
| Expenses of the courts | 110,507 47 |
| " " jail, registration, judgments and removed cases. | 94,856 15 |
| " " public schools, less amount paid by State of Maryland | 505,505 01 |
| " " the city poor | 181,689 59 |
| " " Harbor Commission | 83,152 17 |
| " " Police Department | 607,801 91 |
| " " Health " | 190,711 82 |
| " " Department of cleaning streets | 229,994 48 |
| Fire Department | 184,868 12 |
| New building for the Insane at Bayview. | 9,800 41 |
| Public Schools, new school houses | 15,975 26 |
| " " repairs of buildings | 9,997 93 |
| Amount carried forward | $3,292,898 18 |

| | |
|---|---|
| Amount brought forward | $3,292,898 18 |
| Public Schools, cleaning cesspools | 1,497 50 |
| Department of Inspector of Buildings | 40,867 48 |
| Department of City Commissioner | 145,896 50 |
| Expenses of Parks and Squares, exclusive of Druid Hill and Patterson Park. | 54,141 78 |
| Department of Lamps, gas and electric lights | 220,261 51 |
| Salaries | 68,665 62 |
| Discount on taxes, interest on loans and paving notes | 102,880 69 |
| Lamplighters' salaries | 45,864 00 |
| Superintendent of City Hall, heating and general care of | 14,999 02 |
| Salaries of City Collector's Department | 43,917 94 |
| State tax on city loans | 10,291 51 |
| City Council expenses | 52,487 11 |
| Opening streets and alleys, city's proportion of expenses | 58,785 61 |
| State and city elections | 11,950 03 |
| General Expenditures, being the aggregate of sundry items | 78,851 14 |
| Enoch Pratt Free Library | 12,500 00 |
| | $4,256,755 62 |

| | | | | | |
|---|---|---|---|---|---|
| The expenses of City Government for | | | | 1879. | 3,817,742 86 |
| " | " | " | " | 1880. | 3,947,799 27 |
| " | " | " | " | 1881. | 4,106,447 84 |
| " | " | " | " | 1882. | 4,108,377 90 |
| " | " | " | " | 1883. | 4,256,755 62 |

The rate of taxation for the years 1880,'81,'82 was $1.37, and in 1883 was $1.50 on every 100 dollars worth of assessed property.

FLOATING INDEBTEDNESS.

The floating indebtedness of the city December 31st, 1883, was $258,237.31. This debt is for money which has been expended by the city in a series of years over and above its receipts, and for which no provision was made by taxation.

The payment of this debt should be provided for in the levy, in whole or at least in part, during the year 1884.

The following table gives the floating indebtedness for the past six years.

| | | | | |
|---|---|---|---|---|
| December 31st, | 1878 | floating | indebtedness. | $622,649 18 |
| " " | 1879 | " | " | 296,370 28 |
| " " | 1880 | " | " | 155,776 37 |
| " " | 1881 | " | " | 29,774 48 |
| " " | 1882 | " | " | 261,344 15 |
| " " | 1883 | " | " | 258,237 31 |

STATEMENT OF THE INDEBTEDNESS OF THE WESTERN MARYLAND RAILROAD COMPANY TO THE MAYOR AND CITY COUNCIL OF BALTIMORE, DECEMBER 31ST, 1883.

| | | |
|---|---|---|
| First Mortgage Endorsement..... .... | | $200,000 00 |
| Second Mortgage Endorsement..... | $300.000 00 | |
| Interest thereon to January 1, 1884 ..... | 270,000 00 | |
| | | 570,000 00 |
| Second Preferred Mortgage Bonds, held by Commissioners of Finance.. | | 178,500 00 |
| Amount carried forward.. | | $948,500 00 |

| | | |
|---|---|---|
| Amount brought forward. | | $948,500 00 |
| Third Mortgage Endorsement..... | $875,000 00 | |
| Interest thereon to January 1, 1884..... | 682,500 00 | |
| | | 1,557,500 00 |
| Fourth Mortgage to secure loan of City Stock..... | $1,000,000 00 | |
| Interest thereon to January 1, 1884 ..... | 690,000 00 | |
| | | 1,690,000 00 |
| Loan of City Stock, authorthorized by Ordinance No. 71 of 1882 ..... | | 502,000 00 |
| Funding Certificates, being amount of matured Coupons of First Mortgage Bonds, and Second Preferred Mortgage Bonds, funded as per Ordinance No. 22 of 1879 ..... | $226,530 00 | |
| Interest thereon from July 1, 1883, to January 1, 1884 ..... | 6,795 90 | |
| | | 233,325 90 |
| Coupons from Unendorsed Bonds of First Mortgage, held by Commissioners of Finance ..... | 71,742 00 | |
| Interest due thereon to January 1, 1884..... | $35,075 53 | 106,817 53 |
| Amount carried forward.. | | $5,038,143 43 |

| | | |
|---|---|---|
| Amount brought forward | | $5,038,143 43 |
| Less, Value of Western Maryland Railroad Sinking Fund | | 224,491 97 |
| | | $4,813,651 46 |
| *The Western Maryland Railroad Company pays interest on the following:* | | |
| First Mortgage Endorsement 6 per cent | $200,000 00 | |
| Second Preferred Mortgage Bonds 6 per cent | 178,500 00 | |
| Loan of City Stock, Ordinance 71 of 1882 4 per cent | 502,000 00 | |
| Funding Certificates 6 per cent | 226,530 00 | |
| | | 1,107,030 00 |

CITY COMPTROLLER'S DEPARTMENT.

In the report of this valuable city officer, Hon. Joshua Vansant, is given an itemized statement of all receipts and disbursements of the city. To quote from this document, "no money can find its way into the city treasury, except by and through a receiving warrant of the Comptroller." This process enables that officer to ascertain at all times the amount of money that has been paid into the hands of the City Register; nor can any money be paid out of the treasury, except by a warrant on the City Register drawn by the Comptroller, and on a check signed by the Register and sent

with the Comptroller's warrant to the Mayor for his signature. "The City Comptroller has no authority to issue his warrant upon the Register except in payment of properly authenticated bills, which are filed and recorded in the office of the Comptroller. Accounts of receipts and disbursements are entered on the books of both of the financial officers of the city, and if correctly entered the accounts must harmonize." I give this full explanation that your honorable body may see how many safeguards are thrown around the receipts and disbursements of the public money.

Your attention is called in this report to the expenses of the courts. The following table will show the costs of these departments for the years 1882 and 1883:

| | *Expenses in* 1882. | *Expenses in* 1883. |
|---|---|---|
| Superior Court | $14,171 14 | $10,740 60 |
| Court of Common Pleas. | 13,783 81 | 11,369 13 |
| Circuit Court | 7,954 40 | 4,369 95 |
| Baltimore City Court | 15,242 24 | 11,924 94 |
| Criminal Court | 54,502 14 | 61,618 60 |

Showing an aggregate decrease in the expenses of the four lower courts of $12,746.97, and an increase in the cost of the Criminal Court of $7,116.46.

In this connection, the Comptroller says: "The greater portion of this increase is the result of the appearance fees paid attorneys for defending parties indicted for infractions of the criminal law. The amount paid on this account was $4,231.14. Many of the cases for which these appearance fees were allowed were abandoned by the State without trial, and in some cases where the same party was arraigned on four or five indictments, a fee of ten dollars was charged on

each indictment. It appears to me that the matter of these charges is unjust to the city, and threatens, from a variety of considerations, to become very expensive. The statute which appears to sustain the *recent* practice of allowing such fees should be repealed." The law referred to by the Comptroller is Section 7 of Article 63 of Maryland Code. I join with the Comptroller in recommending your honorable body to urge its repeal by the State legislature. The court has heretofore never had any difficulty in finding counsel to defend persons having no counsel of their own, without making it a charge upon the city.

Attention is also called to Ordinance No. 97, approved May 6, 1880, requiring the owners of private carriages used on the public highways to pay an annual license. "This ordinance," says the Comptroller, "should either be repealed or amended in such a form as to give effect to the purpose for which it was adopted." No proper mode of enforcing its provisions having been provided, it is now almost entirely ignored. In 1880 the amount collected from this source was $10,702.50; in 1883 it yielded only $1,661.25, paid by those who conscientiously observe all laws. The Comptroller also recommends that "the Clerks of the several markets report annually to the Comptroller the names of the owners of butchers', permanent, and cave stalls, the annual rent and license which each owner is required to pay, the amount paid by each during the year, and the amount for which such is delinquent in payment; and also the names of the occupants of space stalls or street stands, the amount required of such occupants per year, whether as license or rental, the amount

received from each of said occupants during the year, and the sum remaining unpaid by each party."

In consideration of such increase of labor, an increase of the salaries of some of the Clerks of the several markets is recommended, in proportion to the additional service thus required. I believe that if this recommendation of the Comptroller is adopted it will result in an increased revenue from the market houses. As said in the report—"The present salaries of some of the Clerks of the several markets are not now commensurate with the labors and responsibilities of the office."

The salaries of these officers are as follows:

| | |
|---|---|
| Clerk of Centre Market | $450 00 |
| Asst. " " " | 350 00 |
| Clerk of Lexington " | 450 00 |
| Asst. "" " | 350 00 |
| Clerk of Fell's Point " | 450 00 |
| " Belair " | 700 00 |
| " Hollins " | 500 00 |
| " Hanover " | 450 00 |
| " Richmond " | 450 00 |
| " Lafayette " | 300 00 |
| " Cross Street " | 800 00 |

COLLECTION OF TAXES.

The report of the City Collector shows that the city and State taxes collected during the year 1883 amounted to $4,313,960.74. Of this sum, the city's portion was $3,878,804.96, and the State's $435,155.78. The following table gives the sources of the collections for the city:

| | |
|---|---|
| On account of taxes in arrears, | $1,043,597 52 |
| On account of levy of 1883 | 2,666,021 64 |
| For opening, closing and widening streets | 35,679 12 |
| For paving and grading streets and alleys | 133,506 68 |
| Total collections for the city | $3,878,804 96 |

On the levy of 1879—present basis $230,743,872—the total collections have reached $99\frac{36}{100}$ per cent.

On the levy of 1880—present basis $236,509,875—the total collections are $99\frac{26}{100}$ per cent.

On the levy of 1881—present basis $241,946,534—the total collections amount to $98\frac{20}{100}$ per cent.

On the levy of 1882—present basis $244,177,093—the total collections amount to $91\frac{80}{100}$ per cent.

On the levy of 1883—basis $248,803,232—the collections from May to December 31, 1883, amount to $71\frac{43}{100}$ per cent. Deducting amount of Plant, $1,427,858, exempt from city taxation, makes the percentage collected, $71\frac{84}{100}$.

The following table gives the collection of back and current city taxes, including assessments for paving and opening and closing streets for the past four years:

| | |
|---|---|
| Taxes collected in 1880 | 3,915,070 56 |
| " " " 1881 | 3,868,686 09 |
| " " " 1882 | 3,516,705 51 |
| " " " 1883 | 3,878,804 96 |

The following table gives the collection of current city taxes collected in the past four years:

| | | | | | |
|---|---|---|---|---|---|
| 1880—levy | $1 37, | collections | $2,401,933 23, | basis | $241,980 638 |
| 1881— " | 1 37, | " | 2 533 152 48, | " | 247 230,189 |
| 1882— " | 1 37, | " | 2,460,164 03, | " | 246 234,056 |
| 1883— " | 1 50, | " | 2,666,021 64, | " | 248,803,232 |

In 1880 collections were $70\frac{12}{100}$ of levy, in 1881 it was $74\frac{91}{100}$, in 1882 it was $73\frac{10}{100}$, and in 1883 it was $71\frac{84}{100}$. This seems to verify the statement made in my message to the Council January 1st, 1881, that the people more willingly pay taxes promptly on a low rate of taxation. The following extract from the collector's report shows that the efforts made to collect back taxes during the year have been very successful:

"The Ways and Means Committee estimated to receive from back taxes during the past year $1,017,000; the amount actually received was $1,043,597, showing an excess over their estimate of $26,597. This is the first time for many years, if ever, that the receipts of back taxes have exceeded the amount estimated for by the committee.

The taxable basis of 1883, as herein stated, was $248,803,232, of which the real property was $189,913,494, and the personal property was $58,889,738.

The amount of uncollected taxes due December 31, 1883, was $1,391,324.54.

### THE APPEAL TAX COURT.

The report of the Appeal Tax Court shows that the number of permits for the erection of new buildings during the year was 2,362, and for additional improvements was 648. The following were assessed as part of the basis of 1883: New buildings, 1,776; additional improvements, 338; total assessment, $2,883,025.

The following table gives the number of permits for new buildings and improvements, with the assessments, in Baltimore during the past four years:

| | New buildings. | Improvements. | Assessments. |
|---|---|---|---|
| 1880 | 948 | 548 | $2,514,455 |
| 1881 | 1,229 | 570 | 3,063,490 |
| 1882 | 1,660 | 640 | 3,152,070 |
| 1883 | 2,362 | 648 | 2,883,025 |

The report of the Assessor states that by the first of March, 1884, about one million dollars will be added to the assessment on buildings and improvements, the permits for which have been already granted in 1883.

The report of the Bailiffs show that the assessment made of personal property to March 1st, 1883, was $1,160,845. The report of the special assessors show that on January 1st, 1883, the following amount was added to the basis, being for increased valuations of property; for real estate, $666,989, and on property of corporations not hitherto assessed, $105,494.

The following abatements were made during the year 1883:

| | |
|---|---|
| Abatements from valuation of real estate | $866,360 |
| Abatements from valuation of plant | 1,427,858 |
| For individuals and firms and for corporations | 1,462,574 |
| Being a total abatement for plant of | 2,890,432 |

HEALTH DEPARTMENT.

The cost of this department for the year ending December 31st, 1883, was $183,284.33. This large expenditure was caused in a great measure by the extraordinary expenses connected with the small-pox during the past year.

The report of the Health Officer gives full details of this visitation and the measures taken to check and finally stamp it out. The total number of

cases was 4,930, and of deaths 1,184. For many months there has not been a case of this disease in the city, thus indicating that a proper system of vaccination is a thorough preventive.

The number of deaths from all diseases in 1883 was 9,380.

The number of deaths from all diseases in 1882 was 8,923.

The number of deaths from all diseases in 1881 was 8,816.

The number of deaths from all diseases in 1880 was 8,043.

There were 653 deaths from small-pox in 1883 and 531 in 1882. The death rate in 1883 was 22.93 per 1,000 in an estimated population of 408,520.

The Health Officer recommends a special appropriation of $10,000 to enable him to correct nuisances of unpaved private alleys, courts and lanes which are constantly called to his attention. The work thus done is, by law, a lien on the property benefited, and must be paid back to the City Collector with interest.

The report contains many valuable suggestions connected with the preservation of public health. Among others, it recommends the adoption of a proper system of sewerage and the passage of more stringent laws compelling the deposit of night soil in localities designated by city ordinances. The report will be found a useful document, full of valuable information.

The report of the Assistant Health Officer calls attention to the necessity of providing liberally for the cleaning of sewers and especially for dredging Jones' Falls

between Canton avenue and Gay Street, and Harris' Creek between Boston and Lancaster streets, and also the necessity of completing Harford Run Sewer; it also suggests that better provision than now exists be made for flushing the sewers of the city with water, which can be done by a liberal use of our abundant water supply and the erection of a few more fire plugs in proper localities.

MARINE HOSPITAL.

The report of the Quarantine Officer states that 718 vessels, of which 311 were steamers, had been boarded and inspected during the year. The expenses of this department were $25,746.17; these expenses were also increased by reason of the small-pox visitation. After repeated recommendations by the different officers of this department for a separation of the Pest and Quarantine Hospitals, the City Council appropriated a sum sufficient to erect suitable building for a Quarantine Hospital at what is known as Hawkins' Point. These buildings were completed in March last, and are now in charge of a watchman; there is still required another building to be used as a kitchen and laundry. A wharf for landing is also necessary, and the making of a good road, to be used in winter when navigation is impeded by ice; telephonic communication should also be made with the present Marine Hospital, and the city.

It will also be necessary to mark off, with buoys, a proper anchorage ground for vessels held in quarantine. As soon as these improvements are completed the quarantine should be removed from the present location, which should then be used only as a pest hospital. It is recommended that this should be done before May 1st, when the quarantine season begins. In this con-

nection, Dr. Heiskell states, that the tugboat *Laura B. Treusch*, formerly used by the quarantine officer, met with an accident a few months since, which rendered it useless; the boat is an old one, not worth repairing; it is necessary, therefore, to have a new boat which should be larger and of sufficient power to encounter the rough weather which will occasionally be met with, in the quarantine service, at the new station at Hawkins' Point. I recommend that a sufficient amount be appropriated for the purpose of carrying out these suggestions. In this connection the services of the engineer of the Harbor Board could be availed of in procuring a suitable tugboat, which is absolutely indispensable for the quarantine service of the port, also for the erection of a wharf at Hawkins' Point, and marking off a proper anchorage for vessels at the new quarantine station.

The quarantine officer, also suggests that by the employment of an assistant to the farmer now engaged at the Marine Hospital, a sufficient quantity of vegetables could be grown there to supply both stations.

STREET CLEANING DEPARTMENT.

The report of the Superintendent gives full details of the work done. The amount expended was $230,000,00. The amount derived from the sale of refuse and street dirt, and turned into the city treasury, was $3,514.60. The ordinance increasing the wages of the men, approved May 1st, 1883, was not accompanied with a corresponding appropriation to pay for said increase, thus necessitating a reduction in the number of men employed, as well as a decrease in the time of those retained in service. In this way the Department has

been somewhat hampered in its work. It is to be hoped that the appropriation made for the ensuing year will be sufficient to pay for a full service.

There is nothing more conducive to the health and comfort of our citizens than clean streets and a prompt and efficient removal of garbage. The Commissioner well says, "That to be properly performed the work should be regular and systematic; this is not possible if the appropriation is insufficient or the amount to be paid varying."

To secure efficiency the best men should be engaged on full time, paid regular wages, and retained during a proper performance of their work. My attention is called by the Superintendent to the fact that Ordinance No. 6, approved February 21st, 1882, gives the employment of the men who collect ashes and garbage, and work on the streets, to the several District Superintendents, instead of to the General Superintendent, although acting under the direction of the latter. As the General Superintendent is responsible for the work done, I think it would be proper to provide that the men should be selected either by him or with his consent and paid directly from his office.

### CITY COMMISSIONER'S DEPARTMENT.

The very full report of the City Commissioner gives a valuable and detailed statement of the work done in this department, of which the following is a brief summary:

The sum of $74,000 was appropriated for the repairs of streets in 1883, resulting in the following work, all done with labor employed directly by the city:

Repaving of cobble-stone pavement, 2,296,211 square feet; repaving of Belgian block pavement, 47,231 square feet; resetting of kerbing, 25,338 lineal feet. The cost of all this was $73,996.94, being at the rate of .03$\frac{235}{1000}$ per square foot. The work was well done and the price moderate. The following streets have been repaved with Belgian blocks, for which the city pays one-third and the property holders two-thirds of the cost. The work was done by the city, and is creditable to the department: Block street between West Falls avenue and the drawbridge, West Baltimore street from Green to Gilmor, East Baltimore street from Harrison to Broadway, Eutaw from Camden to Madison, Broadway from Canton avenue to Thames street, Camden from Light to Charles, Charles from Conway to Centre, and Lexington on both sides of the market house from Eutaw to Pearl. The continuation of paving Charles street and completion of the work at intersection of Pearl and Lexington was stopped by the inclemency of the weather. Howard street from Lombard to Centre was completed in the year 1882. The following figures will show the cost of Belgian block paving when the work is done by the city: Cost of Howard street, $2.62$\frac{188}{100}$ per square yard, cost to property holders, $4.64$\frac{193}{100}$ per front foot; Charles street, $2.58$\frac{81}{100}$ per square yard, cost to property holders, $3.74 per front foot; Block street cost $2.56$\frac{2}{3}$ per square yard. The average cost of cobble-stone pavement in 1883 was 5$\frac{1}{10}$ cents per square foot, or 48$\frac{6}{10}$ cents per square yard. The cost of asphalt blocks is $2.50 per square yard. The cost of sheet asphalt is $2.75 per square yard. The cost of paving Sharp street with the Camp patent pavement, which was done in 1881, was

contracted for at $2.75 per square yard, exclusive of of kerbing, which cost 10 cents per lineal foot. The cost of paving Light street from Baltimore street to Pratt with Belgian blocks was contracted for in 1879 at $1.95 per square yard (this was certainly a very low price, upon which there could have been no profit to the contractor), exclusive of kerbing. Gay street from Pratt to Aisquith, paved in 1880 with Camp pavement, by contract, cost $2.75 per square yard.

The streets on both sides of Eutaw Place, between Dolphin street and Boundary avenue, and Calhoun street, from Harlem to Edmondson avenue, were paved with asphalt blocks at a cost of $2.50 per square yard, one-half being paid by the city and one-half by the property-owners. Marsh Market Space, between Baltimore and Pratt streets, was paved with sheet asphalt at cost of $2.75 per square yard. The Commissioner recommends the following streets to be paved with Belgian blocks during the present year: Exchange Place and Lombard, from South to Lombard street bridge; Holliday, from Lombard to Fayette; Camden, from Charles to Howard; Hanover, from Baltimore to Camden; Howard, from Centre to Richmond; Belair Market Space and Cross Street Market Space, and I also suggest German street, from Sharp to South.

At the session of the Legislature in 1880 authority was given to the city to issue bonds to the extent of $500,000, the proceeds of the sale of which were to be applied to repaving with improved pavements the streets of the city. This power was subsequently ratified by a vote of the people. There has been sold of these bonds to this date $404,800, realizing 444,000, of which, after paying for the streets already paved, there

will remain, with the bonds unsold, about $115,000 yet applicable to repaving additional streets. The amount of repaving which has been done under provisions of this law has been very largely due to the fact that the city, in nearly all of the repaved streets, only paid for one-third of the cost, the property-holders paying for two-thirds.

The Commissioner calls attention to the difficulty of establishing the grades of streets under the present law, and suggests the appointment of a commission of engineers, with the City Commissioner a member *ex-officio*, whose duty it shall be to make proper surveys and plats for the purpose of establishing the proper grades of all the streets, lanes and alleys in the city. The grading of Fulton avenue, as required by ordinance approved April 24, 1883, renders necessary the regrading of the Liberty road, from Fulton avenue to the city limits, authority for which is requested in this report. Full details are given of the work done in the construction and repairs of sewers, and also a statement of the condition of all the bridges within the city limits, all of which are in good condition with the exception of the Long Bridge, where some repairs are required, and the necessity of a reconstruction of Harman's Bridge, which for some time has needed thorough repairing.

Your attention is also called to the necessity of making some satisfactory arrangement with the Union Railroad Company, for the reconstruction of their bridge over Broadway, with a span corresponding with the present width of that street, in order that the street may be graded and paved as required by city ordinance. The correspondence between the City Com-

missioner and the Union Railroad Company on this subject, is given at length in the report. There are many other matters alluded to by the commissioner, which will be found worthy of your consideration.

JONES' FALLS IMPROVEMENT.

This work has progressed favorably during the past year in a most substantial and workmanlike manner, with labor employed directly by the city, and under the supervision of city officers. The amount expended was $59,897.32; there yet remains as an unexpended balance of the original sum, for which bonds were authorized to be issued for the improvement of the Falls $776,070.00. It is proposed during the ensuing season to continue the construction of retaining walls as far north as Charles street, and to erect a bridge over the bed of the Falls at Biddle street. Full details of what has been done in connection with this improvement, together with many valuable suggestions, will be found in the able report of the engineer, Mr. C. H. Latrobe. Accompanying the report of the engineer, is a profile of North street, from the water front to North street bridge. No one can look at this map without at once recognizing thefact that North street should be the central north and south avenue of the city. Some suggestions are made in this connection in the report. Another suggestion is the construction of a viaduct from Hargrove alley on Madison street, to some point east of Bueren street, "by which street traffic can cross the rapidly increasing net work of tracks on North street with something like safety." The necessity for this viaduct is every year becoming more pressing, and its erection cannot much longer be delayed, there

being no good cross street south of Eager, without danger of railroad crossings, north of Fayette street. I recommend the consideration of this matter to your Honorable Body.

COMMISSIONERS FOR OPENING STREETS.

The report of this department gives the names of the streets opened and closed during the year 1883; also, those now in process of being opened and closed.

The damages to be paid by the city amounts to $74,030.85, of which $46,095.10 will be paid from the Jones' Falls fund.

FIRE DEPARTMENT.

The full report of the Fire Marshal gives a detailed account of the condition of a department of which Baltimore has always had reason to be proud. Even in the old days of a volunteer service its efficiency was often proved, and under the paid system, with only thirteen engines and four hook and ladder companies, notwithstanding the large territory within the city limits, and extra service for which it has often been called upon by our neighbors in the Belt, our brave, well-disciplined and efficient firemen have saved the city from the serious conflagrations which have visited so many of the large cities in the country. This department is deserving of liberal encouragement, and especially should a liberal provision be made for the families of those who lose their lives in the service.

The expenses of maintaining the department for the year 1883, as shown by the report of the Marshal, was $184,024.87, and the estimated expense for 1884 is

$197,725.86. This latter estimate includes the sum of $27,100, estimated cost of three new engines, two chemical engines, one new truck, two new hose carriages, rebuilding Nos. 1 and 3 engines, repairing damaged truck, and general repairs of apparatus during the year.

The cost of maintaining the Fire Department for the past three years was as follows:

In 1880 the cost, including $10,893.36 for repairs and alterations of engine houses, which were then done under the direction of the Fire Commissioners, was $179,859.00, to which must be added $15,577.08 appropriated for the purchase of a lot of ground, erection of a suitable building, and the establishment of what is now known as No. 4 Hook and Ladder Company. In 1881 the cost of the department, including $6,608.43 spent for repairs and alterations of engine houses, was $186,823,95. This is exclusive of $3,514.00, the cost of the new engine house, on Lexington street, for No. 4 engine. In 1882 the cost of the department, including $5,918.96 for repairs and alterations of engine houses, was $181,960.96 exclusive of $4,454.98, the cost of a new Engine for No. 4.

City ordinance No. 29, approved April 11, 1879, required all repairs and alterations of engine houses to be done under the supervision and direction of the Board of Fire Commissioners. This was repealed by ordinance No. 33, approved April 4, 1882, and the repairs and alterations were put under the direction of the Inspector of Buildings. The cost of this item is, therefore, included in the expense of the Fire Department for 1880–81, and until April 1882, and excluded from the expense of maintenance in 1883.

The following statement will be interesting as showing the comparison between the fire departments of other cities with that of Baltimore.

In Chicago the department consists of 33 engine companies, 9 hook and ladder companies and 3 chemical engine companies. Its cost of maintenance for 1882, was $545,021.23 St. Louis has 21 steam fire engines, 4 hook and ladder companies, and 1 chemical engine, its cost of maintenance for 1882, was $307,812.10 Cincinnati has 17 steam fire engines, 5 hook and ladder, and 1 chemical engine, the maintenance of which, in 1882, cost $228,196.43.

Boston has 29 steam fire engines, 12 hook and ladder companies, 1 fire boat, and one water tower. The cost of maintenance in 1883, including $24,674.18 for police and fire alarm telegraph and $15,509.67 repairs of engine houses, was $700,666,60. It will thus be seen that the department of Baltimore compares most favorably for efficiency and economy with that of other cities.

The Fire Marshal makes several recommendations in his report which are entitled to your consideration. Among others, the establishment of two more hook and ladder companies, one to be located in the southern and the other in the northwestern section of the city; the necessity for a suitable fire boat for protection of the valuable water front property; this is very much needed by the Department; two chemical engines, and the acquisition of a warehouse for the storage of horse feed and supplies, which will enable the city to make a considerable saving by purchasing larger quantities of these necessary

articles and availing itself of a favorable market. This latter recommendation could be carried out at comparatively a small amount and is most desirable. Also the enlargement of No. 6 Engine House. The purchase of swinging harness is also recommended. This will be a great relief to the horses and is more economical, being subjected to less wear, being only on the horse when in actual service.

The employment of a surgeon for the department is also recommended. This I cordially endorse, believing that the firemen should have proper free attendance when injured in the service. I also cordially endorse the recommendation for a better provision for the families of those who lose their lives in the service. The small sum of $1,000 is not an adequate provision for such cases. I think, therefore, that the men should be insured for $1,500 instead of as now, $500, which, with what the city gives ($500) in such cases, would be $2,000. This is certainly little enough for the family of a man who, in the performance of duty, loses his life to save the lives and property of others. I also endorse the recommendation for the re-appropriation of the sum of $1,600 for the benefit of disabled firemen, the appropriation in 1883, under which $833.25 was expended, having only been made for that year. Some good suggestions are also made in regard to needed legislation regulating the storage of cotton and any inflammable merchandise in warehouses in the city, especially an "ordinance prohibiting fire of any kind in such warehouses." The Fire Marshal recommends the establishment of a full paid department.

The report officially informs me of the death of Joseph V. Dougherty, member of No. 1 Hook and

Ladder Company, a brave fireman, who died December 25th, 1883, from injuries received while in the discharge of his duty, and the death, on May 11th, 1883, of Henry Heidrick, No. 3 Hook and Ladder Company, on the list of disabled firemen, of consumption, contracted while in the service of the department.

The report of the Superintendent of Police and Fire Alarm Telegraph gives in full detail the condition of his department, embracing many valuable suggestions, especially recommending an increase in the number of alarm boxes. In 1877 the number of these boxes was 150, in 1883 they number 161, an increase of only 11 boxes in the seven years, four of which were put in service by private individuals at their own expense. Attention is also called by this officer to the great increase of telegraph, telephone and electric light wires, and the necessity of compelling the companies in the near future to put them under ground. In consequence of the great pressure of the wires on the roof of the City Hall, which is gradually causing very serious injury to the building, this officer recommends the purchase of a 40-wire cable, to be run from the corner of Charles and German streets to the City Hall and thence to the corner of Fayette and Gay streets.

Your attention is also called to the defective character of the striking apparatus connected with "Big Sam," in the dome of the City Hall. To say the least, the present machinery is very unreliable. The condition of the telephone line to the Marine Hospital is very defective and needs thorough repair.

JAIL.

The expenses of the Jail for 1883 were $49,999.84. The receipts returned to the City Treasury amounted

to $2,659.00, of which $1,072.30 was from labor of prisoners, and $1,372.10 for United States prisoners. The number of commitments was 7,783 of which 5,323 were committed for drunkenness and minor offences. The daily average of prisoners was 381½, being larger than for any of the past four years. At present there are only 38 sentenced prisoners. It will thus be seen that the larger number of offenders are those belonging to the "Peace" or "Bummer" class, for most of whom incarceration is no punishment, the law prohibiting their being subjected to compulsory labor, these unfortunates are convicted by police justices of some petty misdemeanor and sentenced to Jail for 30 days, in default of payment of the fine one dollar and costs, amounting to $3.70. Under existing laws there is no appeal, and no authority is anywhere lodged to release them before the expiration of the sentence or payment of the fine. In most cases it would be much cheaper for the city to pay their fine instead of maintaining them for 30 days. Under former laws the Judge of the Criminal Court could, in his discretion, release such prisoners. An effort should be made to change the present law and lodge the power in some tribunal which would exercise it with discretion.

Authority should also be given by law to employ the "bummers" in some kind of labor, thus preventing many of them from seeking admission to a place where they will be comfortably cared for in idleness. The portion of the prison known as Section 4, where these "bummers" are confined, contains 75 cells, in which are now crowded 300 prisoners, who must remain for 30 days or pay a fine and costs aggregating $3.70. Under these circumstances the Board recom-

mends an enlargement of the Jail by the construction of a wing on the east side of the present building, to contain 500 cells (the cost of which is estimated at $20,000). This would enable them to properly accommodate the several classes of prisoners, separate minors from adults, and provide suitable quarters for those who are held as witnesses, a class of persons, whose only offense is their accidental presence when a crime is committed, and who are now confined among the sentenced prisoners. Attention is also called to the necessity for an increased supply of water; this will probably be remedied by an application to the Water Board. The Board calls special attention to the fact that persons suffering from disease, idiocy and insanity are frequently committed by police magistrates upon charges of "breach of peace;" unable themselves and with no friends to pay the $3.70 fine, there is no authority to release or send them to Bayview; some relief should be given by law in these cases.

The health of the prisoners has been excellent during the year, and the management, cleanliness and system of discipline of the institution is creditable to the Board of Visitors, the Warden, and officers of the Jail.

BAYVIEW ASYLUM.

The following table will show the number of persons who were beneficiaries of this Asylum, with cost of maintenance, and receipts from sale of produce, board of students, &c., during the past four years:

| | Beneficiaries. | Cost of Maintenance. | Receip's. | Average number of inmates during the year. |
|---|---|---|---|---|
| 1880 | 1903 | $58,003.44 | $1,767.40 | 704 |
| 1881 | 2160 | 58,522.46 | 1,649.46 | 733 |
| 1882 | 1755 | 65,757.07 | 2,541.10 | 711 |

There were admitted to the institution during the year 1883, as beneficiaries, 1,653 persons; number of births were 39, and of deaths 244. The cost of maintenance was $59,677.65, and the receipts were $1,488.63. On December 31st, 1883, the number of inmates was 797. The monthly average of inmates during the year was 688. It will be seen from the above table that the average cost to the city for supporting the inmates in Bayview Asylum is about $80 per annum *per capita*.

The Board of Trustees urges the necessity of completing the building, now in course of erection under the Inspector of Buildings, for the care of the insane.

Some necessary repairs are required for the Asylum buildings, and complaint is still made of an inadequate water supply.

INSPECTOR OF BUILDINGS.

The report of this officer gives a most satisfactory account of the work done in his department. The amount of money appropriated for its use was $74,530, the amount expended $69,393.35, leaving an unexpended balance of $5,136.75. One school house, No. 14, on Linden avenue near Wilson street, has been completed, and School House No. 11, corner of Bond and Jefferson streets, is now in course of construction. The Baltimore City College has been much improved by the removal of the small tenements in its rear and consequent enlargement of its play ground.

Grammar School No. 17 has been improved by the purchase of the lot immediately behind it, which has been graded and is now ready for paving. Additional class-rooms have also been provided at the Western

High School. The school houses, engine houses and court houses have been kept in repair. Some necessary repairs have been made at the jail, and the appearance of the interior of the City Hall, especially the Council chambers has been much improved by long-needed frescoing. The work on the building for the insane has progressed favorably as far as the limited amount appropriated during the past year permitted. The Inspector directs attention to the necessity for renumbering the houses on many of the streets, and also to the advisability of diminishing the number of stationary and swinging signs projecting over the sidewalks. I think it would be an advantage to the appearance of our main thoroughfares if no sign was permitted to project more than 12 inches from the building line. The report of this officer indicates a most judicious and economical management of his department.

SUPERINTENDENT OF LAMPS AND INSPECTOR OF METERS.

The report of this officer states that the number of gas lamps in the city is 5,056, exclusive of those in the public squares and on St. Paul, Calvert and North street bridges. The number of gasoline lamps is 1,006, and of electric lights 225. The following table will be interesting:

| | |
|---|---|
| Cost of gas for street lamps for year 1883 | $127,488 28 |
| " " markets, squares, bridges and halls | 8,186 94 |
| Total cost for gas in 1883 | $135,675 22 |
| Cost of electric light for year 1883, 225 lamps, at 70 cents each per night, $225.50 each per annum | $57,487 50 |

Cost of gasoline lamps for year 1883, $15.00 each per annum ..... $15,554 96

A contract was made with the Consolidated Gas Company for gas for five years from May 1, 1880, at $1.85 per 1,000 cubic feet, the Gas Company agreeing to lay gas mains to the extent of $20,000 during any one year as ordered by the Mayor and City Council.

Number of lamplighters, 104, at $8 per week each ..... $43,264 00

Number of superintendents of lamplighters, 5, at $10 per week each ..... 2,600 00

The cost of gas lamps, including gas, cleaning, lighting, repairs and renewals as now burned, *i. e.*, being lighted only on dark nights, $36.94 each. Should the lamps be lighted every night without regard to the moon, estimated cost $46.19 each.

It will thus be seen that the cost of lighting the city, including all expenses, is $254,581.68 per annum.

In Boston the number of lamps of all kinds is 12,605, and the cost in 1883 was $454,168.71. In St. Louis the cost of maintenance for gas and gasoline lighting of its streets for 1883 was $283,059.18.

### GAS AND ILLUMINATING OILS.

The report of this department shows the importance of the ordinance of 1879 providing for the inspection of illuminating oils. During the year there were only thirteen accidents from the use of oil lamps, most of which were caused by inexcusable carelessness, resulting, fortunately, in no personal injuries. The number of samples of oil inspected was 6,033, of

which eight were condemned. Those selling oil below the required standard have been prosecuted and fined. The report of the Superintendent indicates that, with the proper enforcement of the inspection law, and ordinary care on the part of those using it, no danger need be apprehended from the use of illuminating oils. In connection with the gas supplied to the city, the Inspector reports as follows: "The improvement in the character of the gas supply, noticed last season, has proved permanent. The chemical purity has been uniformly satisfactory to qualitative tests, and its illuminating power has been steadily maintained much above sixteen candles."

Some valuable information connected with the proper use of illuminating oil lamps is given in the report.

HARBOR BOARD.

The people of Baltimore are certainly indebted to this Board for the improvement of its harbor. Its work is quietly but efficiently conducted, and has been productive of most beneficial results to the city. The harbor being the receptacle of the drainage of the whole city, requires constant dredging to maintain in its channels the requisite depth of water necessary to accommodate the commerce of the port. I commend a continuance of liberal support for this important department

Owing to the reduced appropriations for 1883, the board were compelled to confine their work of harbor improvement to the formation of 27 feet channels in the lower harbor, to connect with the ship channel of same depth, being excavated by the general govern-

ment; to the removal of deposits from the City Dock in Back Basin; and to the widening of channels in the Middle Branch (Spring Garden), as provided for by a special ordinance.

They removed from the channels between Locust Point and the Lazaretto ..... 143,948 cubic yards.
From Back Basin ..... 33,514 " "
From other Docks ..... 17,145 " "
From Middle Branch ..... 58,660 " "

Making a total of ..... 253,267 cubic yards.

The total area dredged over was about 50 acres (231,000 square yards); and the average depth of cutting or excavation was 3¼ feet.

The amount paid contractor, including 3,356 cubic yards removed in December 1882, was $47,525\frac{84}{100}$, or at the average rate of 18½ cents per cubic yard.

The result of this work may be briefly stated to comprise, *i. e.*: A channel 200 feet wide by 27 feet depth, from Locust Point to Lazaretto Point; a similar channel 120 feet wide, from Canton Elevator to Lazaretto Point, the removal of deposits in the Back Basin and Jones' Falls as high up as Eastern avenue bridge; and from sundry smaller docks including the mouth of Harris' Creek.

In the Spring Gardens the 15 feet channels were widened to 150 feet for a length of 7,000 feet.

During the past year the national government has been carrying on for the benefit of this port, and under the skillful and intelligent direction of Colonel Wm. P. Craighill, corps of engineers, the largest dredging

operations that have been undertaken at any time or place.

During the year 13 miles of ship channel over 200 feet wide were deepened to 27 feet at low water, and a new channel was opened 4 miles in length, saving 1 mile in distance and cutting off the most expensive portions of the old channels to maintain, as well as the most troublesome to navigate.

This work has involved the removal of about four and a-half millions of cubic yards, of which over three millions were excavated during the past year.

The government will undoubtedly complete this great work by at least doubling the width of the present channels, and it is evident that we should make the necessary appropriations to enable us to avail ourselves of these facilities. The Board ask for $80,000 for this year's work, and I sincerely hope you will make the appropriation asked for.

During the year the stone wall or bulkhead on the north side of the City Dock (Back Basin) has been completed to the mouth of Harford Run, where it connects with the wall of Harford Run sewer, as it does at its western end with the retaining wall of Jones' Falls, built by the Jones' Falls Commission. This dock is one of the most remunerative properties of the city, and the improvement should be continued. I would, in this connection, call attention to the suggestion of the Board regarding a change in the regulations governing the drawbridge at the mouth of this dock.

Repairs were made to wharves at Charles, Hanover and South streets, also to platform on Long Dock,

and bulkheads at West Falls avenue, Hughes street, Pratt street and Centre Pier (City Dock). The city ice boat has been kept in excellent condition and ready for service at all times. It was used for a short time last year in breaking ice and assisting in keeping open the navigation of the river and bay, and during the summer was used for conveying the beneficiaries of the Free Excursion Society to and from their grounds at Chesterwood, as authorized and required by special ordinance.

For further details, you are referred to the report of the board, and of their engineer, which are full and explicit in every respect.

I would especially recommend to your early attention the suggestions made therein with regard to a change in the present method of granting permits for wharf building and extension. At present this power is lodged only in the City Council; it should be delegated to the Harbor Board.

The recommendation for the establishment, by the legislature, of a "Port Warden Line" on both sides of the Patapsco outside the city limits, meets my hearty approval, and I would suggest early application to the General Assembly on the subject.

## PUBLIC SCHOOLS.

The report of the Board of School Commissioners gives in detail the working of this department during the past year. The number of schools under charge of the Board is 121, containing 37,546 enrolled pupils as follows:

Baltimore City College, 633; 2 Female High Schools, 1,004; 19 Male Grammar Schools, 4,901; 20 Female Grammar Schools, 5,757; 30 Male Primary Schools, 8,296; 30 Female Primary Schools, 8,225; 5 Public (formerly English-German) Schools, 3,869; 14 Colored Schools, 4,861. These schools have been conducted by 855 teachers, with an average daily attendance of 31,601 pupils. The whole number receiving instruction during the year was 48,876; the number of free pupils is 25,196; and of those who pay $4 per year, 12,350; the number of enrolled pupils is about 1,900; and the average of attendance 2,423 more than in 1882. This is a larger annual increase than at any period during the past twenty years. The percentage of attendance in all the schools has been 84, ranging from 92.5 in Baltimore City College, to 79 in the colored schools. This percentage is also an increase over previous years. The number of non-resident pupils, *i. e.*, those residing out of the city, who are entitled to enter on special terms, is 284; and the amount received from them was $4,337.46. These statements indicate the popularity of the schools not only among our own citizens, but also with our county neighbors.

RECEIPTS AND EXPENDITURES.

The total receipts from all sources were as follows:

| | |
|---|---|
| From City Collector..... | $425,628 10 |
| " State Treasurer, for white schools.. | 124,425 22 |
| " " " " colored schools. | 19,468 48 |
| " white pupils, for use of books .... | 46,370 99 |
| " colored " " " .... | 73 00 |
| " John F. Plummer, interest on legacy. | 129 59 |
| | $616,095 38 |

The expenditures for the year 1883 were as follows:

| | |
|---|---|
| For white schools | $584,076 97 |
| " colored " | 65,321 74 |
| Total expenditure of | $649,398 71 |

The amount paid by the city to the State for its school tax of 10 cents on the $100 was $308,161.63, and the amount received by the city from the State for its proportion of the tax was $143,893.70, showing that the citizens of Baltimore contributed, during the past year, the sum of $164,267.95 to the support of public schools in the counties, in addition to spending $472,072.09 for the support of their own schools. In addition to this amount, the city has expended during the year $18,573.19 for new buildings and repairing old ones for school purposes. This large expenditure is certainly an indication of the high appreciation by the people of the value of free public education. Estimating our population at 400,000, it is an annual per capita contribution of $1.64 to this cause. In Boston the number of pupils in the public schools in 1883 was 57,554, and the expenditures, including erection of school houses, $1,680,791.22; in 1872, when their pupils numbered 41,778, their expenditures were $1.314,380.33. In Chicago the amount expended for public schools in 1882, including erection of school houses, was about $900,000. I give these figures to show, that although our expenditures are large, it is not in proportion to what is spent by other cities in the same good cause. The report of the Board states: " The system of receipts and expenditures of our School Department furnishes the most ample protection, and guarantees for the faith-

ful management and expenditures of such appropriations as may be made for the purpose." The estimated expenses for 1884 are $685,000, this is larger than what was expended in 1883, but the increase of pupils, reaching nearly 2,000, necessitates increased expenditures; at least 50 additional teachers will be required for this increase of scholars, besides the necessary books and other school appliances; nor should it be forgotten that an increase of pupils necessitates an increase of school house accommodation; in this connection the Board recommend the leasing of additional ground, and enlargement of the building occupied by Grammar School No. 15, on Carrollton avenue, into which 900 pupils are now crowded. A liberal appropriation is also asked to enable the Inspector of Buildings to make the necessary repairs.

MANUAL TRAINING SCHOOL.

In pursuance of a city ordinance, one of these schools is now being organized and will be opened during the early part of this year, if the necessary appropriation is made for its equipment and support. While these institutions have produced good results elsewhere, they have never been tried in Baltimore. I am confident that its success will be gratifying; as said in the report, "it will foster and encourage a higher appreciation of the value of intelligent labor among the pupils of the schools." I believe that it will also teach boys and girls that the education and use of their hands is often as necessary for earning an honorable and liberal livelihood as that of their heads.

In connection with the public schools, I repeat what I said in a similar message to the Council in 1880,

"that believing the happiness and prosperity of a community largely depend upon the proper diffusion of knowledge among the people, I earnestly recommend a liberal provision for the support of their schools."

THE PUBLIC SCHOOL SYSTEM OF BALTIMORE.

There is no more important department of the city government than that of public education. The Board of School Commissioners have the absolute control of its 121 schools, the selection of school books, the direction of the instruction of 37,546 pupils, the appointment of 855 teachers, and the expenditure in 1883 of $649,398.71, every reasonable suggestion, therefore, for an improvement of the system should receive the earnest consideration of those who have the power to legislate on the subject.

By an ordinance, approved April 17th, 1877, the Mayor was authorized to appoint a Commission of five gentlemen, which should inquire whether the present public school system in Baltimore presents any defects, and, if so, how they can be remedied. The Commission consisted of Judge George William Brown, Chairman, and Messrs. Frederick Raine, John T. Morris, E. G. Hipsley and Richard M. Venable. Its report was presented in February, 1880, and submitted to the Council. In this connection the following extracts from my message of January 1st, 1881, expresses the views I held then, and which I have seen no reason to change since:

"I do not think that this important paper ever received from the Council the consideration to which it was properly entitled. The thoroughness of the inves-

tigation of this subject by gentlemen much interested in the cause of public education, and with great experience in the public school system of Baltimore, is shown in every page of the report.

"The chief recommendation of the committee is a change in the mode of appointing the members of the Board of School Commissioners, by substituting a Board of gentlemen, to be appointed from the city at large by the Mayor, and confirmed by the Council, to serve, as at present, without pay, for six years, the term of one-third of the members to expire every alternate year.

"The Committee recommend that this Board shall consist of nine members; but whether or not this be the accepted number, the present manner of selecting the Board, by election in a joint convention of the two Branches of the City Council, is decidedly condemned. Under this system 'the member of the School Board from each ward is selected by the member of the First Branch of the City Council from that ward—a nomination by such member being in almost all cases equivalent to an election.'"

As said by the Committee—

"Several consequences follow from this:

"(1.) The responsibility for the appointment ceases to rest where the law places it—on the joint convention—and is, in reality, destroyed; for the member making a bad appointment can escape responsibility for it by pointing to the letter of the law; and the joint convention can acquit itself by pointing to the method of appointment adopted in practice.

"(2.) A public trust of the highest importance, vested by law in a body of men, is by them partitioned out amongst the individual members as a private patronage."

"The position of School Commissioner is one which requires a peculiar fitness. It is not enough that the man who holds it should be what is called a man of common sense; he should be a man of training, as well as of common sense; his antecedents, or his study, should have made him familiar with the existing methods of education, the multiform experiments now being tried in the art of educating, and with the cotemporaneous discussion of the subject."

I endorse the views of the Committee on this subject, and think that a change in the manner of appointing the members of the School Board as therein suggested, would be conducive to the better working of the system.

There are many other matters referred to in this report which are entitled to the consideration of your Honorable Body. The importance of the department of public education in advancing the welfare and prosperity of the community, and its firm place in the hearts of our people, requires, as I have said, that all suggestions calculated to improve its working, and render more effective its great mission of furnishing free education to all classes, without regard to race or color, should be well weighed and considered, without prejudice of any kind.

Although the Mayor has no voice in the management of the public schools, I have been often asked if

I saw any reasonable objection to the employment of colored teachers, when capable, to teach colored children in what are known as the "colored schools?" I have invariably replied, "that I did not, and had no doubt that if the matter was properly presented to the School Board it would receive favorable consideration."

PARK COMMISSION.

The report of this commission gives the following statement of its receipts and expenditures on account of Druid Hill and Patterson Parks:

| | |
|---|---|
| Balance on hand December 31st, 1882... | $ 605 10 |
| Rent of refreshment privileges, sale of sheep, deer, fines, etc..... | 3,287 91 |
| Received from City Passenger Railways less amount reserved for sinking fund. | 89,861 14 |
| | $93,754 15 |
| Less amount paid as interest on park stock ..... | 35,433 96 |
| Remaining for park purposes..... | $58,320 19 |

The receipts from the city railways less amount reserved for sinking fund for the past three years were as follows:

1881, $90,492.05; 1882, $93,996.49; 1883, $93,149.05.

Expenditures in 1883 were as follows:

Druid Hill Park, $40,970 87; Patterson Park, $10,233.58. The average outlay for Druid Hill Park, averaging the years 1879, 1880, 1881, 1882, and 1883, was $39,105, and for Patterson Park for the same years, $10,020, in all $49.125. The average income from the

railways for 1879, 1880, 1881 and 1882 was $90,773.89, from which deducting the interest on the original bonds, $33,333.76, and the Patterson Park Extension bonds, $8,000, in all $41,333.76, and there remains $49,446.13, which is but $315.13 more than would be required to pay the interest on the park bonds, pay-rolls and current bills, were the passenger railways to pay punctually their respective dues to the city.

Riverside and Federal Hill Parks and Johnston Square, which are also under the supervision of the Park Commission, are maintained by special appropriations made by the Mayor and City Council.

The appropriation for Riverside Park was $3,500, and $56.95 was derived from the sale of old iron. Of this, $3,372.02 has been expended in improvements.

Appropriation for Federal Hill Park was $9,000; expenditures, $8,998.16.

Appropriation for Johnston Square, $5,101.15; expenditures, $5,001.62.

Druid Hill and Patterson Parks have been kept in good order during the year. The limited means at the disposal of the Commission has prevented any new work of improvement being undertaken. The parks have been resorted to by thousands of our citizens when the weather was favorable, and have greatly added to their health and comfort. Among the attractions at Druid Hill during the past summer, outside of its natural beauties, were the sea lion and the camels, gifts of Mr. John W. Garrett. Nor should the flock of high-bred Southdown sheep be forgotten. These not only pay the cost of their maintenance, but enable

farmers to improve their stock, by obtaining some of the lambs sold annually, the high reputation of which, for purity of blood, is kept up by importation from the best flocks in England, and is now well established. At Patterson Park the beautiful grounds and walks, and the conservatory, filled with the rarest plants, are attractions for visitors from all parts of the city. During the past year the condemnation of the new addition has been completed and its improvement commenced. After deducting the cost of the land, expenses, etc., a balance of $68,655.11 is left towards paying for the work. Patterson Park will thus consist of 112½ acres, and, when completed, will be one of the most beautiful pleasure grounds in this country. It is already justly the pride of East Baltimore.

Federal Hill Park has been greatly improved during the past year. Riverside Park has been kept in good order. The money appropriated for both has been wisely and economically expended. The work at Johnston Square has favorably progressed. A continuance of moderate appropriations will soon make it a most attractive place, and certainly improve the value of property in its vicinity.

I hope some action will be taken for the improvement of Collington Square, in the Northeastern section of Baltimore. This square is in a beautiful part of the city, which seems to have been somewhat neglected in the provisions made for improvements. I suggest that the square be put in charge of the Park Commission.

WATER DEPARTMENT.

The net revenue received during the year 1883 from water rents, meter supplies, plumbing, &c., was $611,112.02; in 1882 the receipts from the same sources were $604,305.32, an increase for 1883 of $6,806.70. In addition to these receipts the Council appropriated $5,000 for erection of fire-plugs, pumps, fountains, &c. The working expenses of the department for 1883 amounted to $98,917.27. In 1882 the expenses were $93,011.81, an increase for 1883 of $5,905.46. This increase was due to improvements made at Loch Raven, Lake Montebello, Druid Lake, and Hampden and Mount Royal Reservoirs. The amount of interest paid by the Water Board on water stock issued by the city for the past year was $459,296.96, an increase over the previous year of $6,666.66. In 1884 the amount required to pay interest on the water loans will be $472,629.98. This increase is due to the issue of $500,000 4 per cent. bonds, for the construction of Lake Clifton and laying additional water mains. The bonds issued by the city for the construction of its water works amount in the aggregate to $9,500,000, the interest on which has heretofore been paid by receipts derived from the revenue of the Water Department.

The passage of ordinance, approved October 10th, 1883, reducing the rates for water, it is estimated, will reduce the revenue of the department about $80,000 in 1884. This, with the interest on the additional $500,000 issued for Lake Clifton and water mains, will affect the revenue for the current year to the extent, as estimated, of $100,000. To meet this deficiency the

ordinance requires a tax levy of three cents on the $100. It will thus be seen that whatever is taken from the water rents will appear on the tax bills. The receipts of the Water Board for the last four years were as follows:

| | | | |
|---|---|---|---|
| 1880 | amount collected was | ..... | $606,879 06 |
| 1881 | " | " ..... | 599,223 11 |
| 1882 | " | " ..... | 604,305 00 |
| 1883 | " | " ..... | 611,112 02 |

For 1880 the rate for water supplied by meter was 12 cents per 1,000 gallons; for 1881, 1882 and 1883 the price has been reduced to 8 cents, less 10 per cent. for prompt payment.

During 1883 the department has laid 17 miles of cast-iron distributing mains, of sizes from 1½ to 30 inches. The amount expended during the year on these mains was $96,988$\frac{57}{100}$. The number of fire plugs erected during the year was 29, making the total number in the city 916. There were 37 pumps repaired and 26 removed. The number of drinking fountains in the city is 78, of which 60 are for combined use of men and horses. The work on Lake Clifton will be rapidly pushed forward as soon as the season permits, and when completed will, with the storage capacity already possessed, give to Baltimore a water supply unequaled by that of any city in America.

To the investigation of the distinguished engineer of the Water Board, Mr. Robert K. Martin, is due the discovery of the cause so often complained of in former years of the occasional bad taste and odor of the city water. This has been almost entirely abated, and very

few complaints are now made in this connection. The report of the Board gives, in full detail, the condition of this department and its admirable management.

LAW DEPARTMENT.

The report of the City Solicitor gives a full and very satisfactory statement of all the suits now pending in the different courts, as well as of those decided for and against the city during the year. Many of the decisions had an important bearing on the city's interests. The report is, therefore, a valuable and important document, and reflects credit upon the vigilance and ability with which the business of the department has been conducted.

CITY LIBRARY.

The report of the Librarian is herewith submitted. It shows that the cost of stationery, printing, &c., for the several departments in 1883 was $7,497.43, in 1882 it was $7,499.95, in 1881 it was $6,998.45, and in 1880 it was $5,763.55. The classifying of the old papers and documents relating to the city government is progressing favorably. Several additions have been made to the collection of the city directories, and we have now nearly a full set of these interesting volumes. The exchanges of municipal documents with other cities in this country and Europe have been maintained. The Library contains quite a large number of maps and plats connected with the topography of the city, and the Librarian reports that an opportunity is now offered for obtaining a series of all such maps connected with the city from the period of its establishment to the present time; he asks an appropriation for this purpose. The City Library is

already a most useful and interesting department of the municipal government.

ENOCH PRATT FREE LIBRARY.

On July 2d, 1883, Mr. Enoch Pratt, a citizen of Baltimore, donated in cash $833,333.33, and on the same day conveyed to the city by deed, in fee, a lot on Mulberry street, on which is being erected a building to be used as a free library, which, when completed, will be an ornament to Baltimore, and a monument to the liberality of the generous donor. The donation in cash with the lot and building will exceed in value the sum of one million dollars. The building is nearly finished; it is thoroughly fire-proof; the facade is of white marble, and the architecture handsome and imposing. In addition to the main building, four buildings are now being erected in different parts of the city to be used as branch libraries. I am informed by Mr. Pratt that all will be completed by the 1st of October, 1884. Soon after which time the public will enjoy the benefits and advantages of this noble gift to the city.

MARYLAND INSTITUTE.

An ordinance approved April 14, 1881, appropriated annually for three years the sum of three thousand dollars to the Maryland Institute. Under its provisions the city is entitled to a number of free scholarships. The appropriation expires with the present year; I recommend its renewal.

REFORMATORY INSTITUTIONS.

I recommend the usual appropriations for these useful institutions—the reports of the House of

Refuge, Saint Mary's Industrial School for Boys, the House of Reformation for Colored Boys, the Industrial Home for Colored Girls and the Female House of Refuge—all indicate an efficient and economical management. The city is represented in the Board of Managers in each of these institutions, without which there would be no place but the jail to send children of either sex, who are committed for minor offences, to be reformed and made useful citizens. In Saint Mary's Industrial School the number of boys committed from the city and inmates of the institution on November 30, 1883, was 298. It will be found from the reports of the other institutions that a very large number from Baltimore are also among their inmates.

HARFORD RUN SEWER.

In 1880 authority was granted by the Legislature and given by the people to expend $250,000 for the construction of what is known as the Harford Run Sewer, which resulted in the abatement of a great nuisance in the Northeastern section of the city; but, as said by my predecessor, "it was a most successful transfer of this nuisance to another locality"—in the valley of Harris' Creek—where, it now empties. The enlargement of Patterson Park, and the improvement of that section of the city, necessitates the continuance of this sewer to tidewater. I therefore recommend an application to the Legislature for an enabling act authorizing the issue of bonds to an amount not exceeding $350,000, bearing interest at a rate not exceeding four per cent., the proceeds of the sale of which shall be applied to the completion of what is known as the Harford Run Sewer to tidewater.

SEWERAGE.

The city of Baltimore requires a system of sewerage. The continuance of the present plan of cess-pools is a constant danger to the health of the people. The construction of private sewers is not only a heavy tax on the owners of warehouses and private buildings, but, emptying as they all do into the basin, is not conducive to the good sanitary condition of the city. The increasing use of our abundant water supply, as a motive power for elevators and small mechanical operations, is another reason for the construction of a system of sewers. While the cost would be large, after it had been completed, the imposition of a suitable sewer tax, and the passage of proper laws making its use compulsory, would pay the interest on the cost, and render the department, like the Water Board, self-sustaining. Baltimore is now the only large city in the country which has neglected making this sanitary provision for the disposal of its sewage. In August, 1881, an elaborate and well-considered report, giving full information on the subject, with a practical plan and an estimate of its cost, was made by Mr. C. H. Latrobe to the Mayor and City Council.

I recommend an application to the Legislature for an enabling act authorizing the issue of bonds to an amount not exceeding $5,000,000, bearing not more than four per cent. interest, the proceeds of the sale of which shall be applied to the construction of a general system of sewers for this city. Should this power be granted, and the people endorse the recommendations, I then suggest the appointment by the Mayor and City Council of a commission similar to the Water

Board, with power to appoint a suitable engineer, the said board to decide upon a proper system and proceed to have it constructed.

EXTENSION OF CITY LIMITS.

I recommend an application to the Legislature for the passage of a law authorizing an extension of the city limits. The constitution of the State requires the question to be decided by the legal voters residing in the district proposed to be annexed. Some years since an effort was made to extend our limits two miles from the present northern, western and eastern boundaries. Our neighbors in this territory, commonly called the Belt, at an election held for the purpose of deciding upon this extension, refused their consent; since then the Belt has been largely improved by the opening of streets and erection of buildings, and many of its citizens would probably be willing to participate in the advantages of municipal government even to the extent of sharing some of its expense. It may be that the residents of certain portions of the Belt would be willing to have their district form part of the city. I suggest, therefore, that what is known as the Belt be divided into three districts, to be known respectively as the northern, eastern and western district, and that the Legislature be asked to pass an act authorizing the legal voters in each of these districts to decide whether their district shall be annexed to Baltimore city. I would suggest that these elections be held at different periods.

TELEGRAPH AND GAS COMPANIES.

I recommend that an application be made to the Legislature to repeal the law granting telegraph com-

panies the right to erect their poles on the streets without the consent of the municipal authorities. Also for a repeal of the law granting any gas company the right to lay its pipes in the streets without the consent of the Mayor and City Council. The large sums of money expended in repaving our main thoroughfares, and a proper regard for the health of the people, should be sufficient reason for removing the streets from the liability of being torn up by any five persons incorporating themselves into a gas company under the general incorporation law. The telegraph poles, added to the electric light poles, are fast becoming a nuisance on our sidewalks. The time will soon come when these companies will be compelled to put their wires underground, but until that period arrives they should certainly be under some municipal restriction in the use of the streets. I have always thought that these companies should pay the city an annual sum for the privilege of putting up their poles. If this was required, the number of poles already in our streets, and daily being erected, would yield a large revenue to the city, which would be some compensation for the obstruction of the sidewalks.

### INSANE CITY PATIENTS.

The cost of maintaining this class of unfortunates is becoming a serious matter for the city treasury. Section 7, Article 25, City Code, authorizes the Mayor, Commissioner of Health, and President of Board of Trustees of the Poor, or either of them, upon a properly authenticated certificate of two competent physicians, to issue a permit in behalf of any indigent citizen suffering from acute or curable form of mania,

under which permit such person may be taken to the Maryland Hospital at Spring Grove, or any other insane hospital in the State, that the party's next friend may determine, and kept for a period not more than one year at the expense of the city, which is charged $150 per annum for each patient. These permits are subject to renewal from year to year by any of the officers above named. By Section 2, Article 53, Maryland Code, the Criminal Court of Baltimore City has authority, after an inquisition by a jury, to send any lunatic or insane pauper to the almshouse or to a hospital, there to be confined at the expense of the city until he shall have recovered. Under the provisions of the above law, there are now in Mount Hope Asylum 160 insane pauper patients, and in Spring Grove 153, making in all 313, for maintenance of which the cost to the city is $46,950 per annum, or nearly two cents on the tax levy. Although the law evidently contemplates the benefits of these hospitals for only those suffering from curable mania, a large proportion of these unfortunates belong to the incurable class, especially of those sent by the Criminal Court, which is not restrained in its discretion by any proviso limiting the benefits of the hospital to curable cases. Under these circumstances, it is important to complete the building for the insane now being erected on the grounds of Bayview, as recommended by the Trustees of the Poor. The cost is estimated at $31,000. I recommend that it be promptly provided for.

### SUGGESTIONS IN CONNECTION WITH FIRE DEPARTMENT.

The control of the Fire Department was formerly vested in a Board consisting of six Commissioners,

serving without pay, of which the Mayor was *ex officio* a member. By ordinance No. 1, approved February 19th, 1883, this Board was abolished and an officer termed the Fire Marshal was substituted, in whom was vested all the powers of the former Board. In my judgment this system is not the best. As well might the Marshal of Police be substituted for the Board of Police Commissioners. If the object of the law was to prevent the introduction of politics into the department, it seems to me that this purpose would be better, permanently accomplished with a proper Board of Commissioners than by giving the entire control and large patronage to a single individual—a power not even given to the Mayor, whose appointments are subject to confirmation by the Council. In saying this I mean no reflection whatever upon the present Fire Marshal, or on his management of the department—he might be removed at any time by accident or a change of administration—it is only a fair criticism on the system. I think the plan which prevails in Boston is much better; that is, a Board consisting of three paid Commissioners, appointed by the Mayor and confirmed by the Council, holding office respectively for one, two and three years, one to be annually appointed thereafter. If this system should be adopted in Baltimore their annual compensation might be fixed at eight hundred dollars each, with power to appoint a clerk with a salary of twelve or fifteen hundred dollars. The Commissioners should be required to meet at least three times a week at the City Hall, and have all the power of appointment of officers and men now vested in the Fire Marshal. All supplies to be advertised for and contracts awarded to the lowest responsible bidder, the

proposals to be opened in the presence of and contracts awarded with consent of the Mayor, the said Board to report annually to the Mayor and City Council. This would provide for this department a system very similar to that which has worked so admirably in the Police Department, where civil service rules have so long prevailed, and which has notably prevented its use for political purposes. This subject is a matter for your consideration.

STREET IMPROVEMENTS.

The necessity for the improvement of some of the thoroughfares in the central part of the city has long been manifest. Fayette street should be widened and regraded from Calvert street to Liberty, and East Baltimore street should also be widened, at what might be called the "straits," east of the bridge. An estimate of the cost of these improvements to the city has been made by the Commissioners for Opening Streets. The cost of the former is estimated at about $500,000, and of the latter at about $100,000. It would take, at least, two or three years to complete the work after it was determined upon. The amount is too much to take out of the annual levy; the improvement would be permanent. I suggest that an application be made to the Legislature for authority to issue bonds for the purpose, it can then be submitted to the Council and to the people, whether the present is not an opportune time to do the work, when the money can be borrowed at such a low rate of interest.

SOURCES OF MUNICIPAL REVENUE.

The cost of municipal government is constantly increasing. The people of a large city demand every improvement which increases the comfort of living and affords better protection to property. An efficient fire department, clean streets, plenty of water, a large police force, a good system of public schools, public parks and squares, large municipal buildings, a thorough lighting of the streets by gas and electric light, and constant improvement of the harbor—all these have become expensive necessities; and, although our neighbors in the Belt get the free use of some of them, we who live within the city limits must pay the bill. The question is how to raise the money. We have the following sources of revenue, viz: Taxation upon all real and personal property, rents from our market houses and wharves, water rents, a small revenue voluntarily paid by scholars at the public schools, our investments in interest-bearing securities—especially from our 32,500 shares of Baltimore and Ohio Railroad stock—a small amount from licenses on city carts and wagons which use our streets, and a rental of the franchise of our streets to the city passenger railways. We have given away the use of the streets to the gas, telegraph, telephone and electric light companies. Including the interest on our funded debt it costs about $4,100,000 to pay municipal expenses. We have a taxable basis of $249,000,000, and a tax rate in 1883 of $1.50.

Our tax rate should be lower if we could get from the State such legislation as in my judgment we are

equitably entitled to. Our county friends may not think so, but they should recognize the fact that municipal government is expensive, and we should be permitted to avail ourselves of the value of municipal privileges. The city of Chicago has a taxable basis of $125,360,376, and a tax rate of 2 per cent. That its city government is more expensive than ours is shown by the fact that its Fire Department cost $545,021.23 in 1883, while ours cost $184,024.87. St. Louis has a taxable basis of $189,600.00, and a tax rate of $1.75; its government is more expensive than ours, its Fire Department in 1883 costing $307,812.10. It is true, neither of these cities have quite as large a debt as ours, but neither of them have such valuable interest bearing assets; but they have sources of revenue which are denied to us. St. Louis derived from licenses alone in 1883, $703,487.13; Chicago from licenses in 1883, $306,428.22, while we derived only $40,542.25, and those were mainly from carts and wagons. The reason is that all our trade licenses, instead of, as they should, going into the city treasury, are taken by the State. Undoubtedly, they are paid for the privilege of selling in the city, and not in the State, and we, who confer the privileges, advantages and protection, ought to receive the money paid for them. Other States recognize this, ours does not; although it seems to me but simple justice to the city that it should.

The report of the State Comptroller for 1883 gives the following receipts from licenses for doing business in Baltimore city:

| | | |
|---|---|---|
| Traders' Licenses | $117,530 78 | |
| Liquor " | 8,456 49 | |
| Ordinary " | 4,109 34 | |
| Oyster House | 109,123 55 | |
| Hawkers and Pedlars | 7,463 97 | |
| Oyster Measurers | 326 70 | |
| Brokers | 24,211 71 | |
| Wood Hucksters | 396 00 | |
| Telegraph | 11 98 | |
| | | $271,630 52 |

In Chicago or St. Louis this sum would go into the city treasury. In my judgment, it should do so in Baltimore. If we had it, our municipal taxes would be reduced about 12 cents on the levy.

The following figures, taken from the State Comptroller's report, will show that the large proportion of the licenses collected by the State are paid by the city of Baltimore: Traders' licenses, $183,146.91, Baltimore pays $117,530.78; oyster house licenses, $127,941.87, Baltimore pays $109,123.55; hawkers' and pedlars' licenses, $10,230.00, Baltimore pays $7,463.97; brokers' licenses, $25,118.19, Baltimore pays $24,211.71; liquor licenses, $14,594.52, Baltimore pays $8,456.49. Of liquor licenses the amount collected in Baltimore county in 1883 was only $294.97.

I hope this subject will be considered by those who represent the city in the State legislature, and a proper appeal in this connection be made to the justice of the State.

### COMMERCE AND MANUFACTURES.

It is important for this city to encourage, in every way, its commercial and manufacturing interests; the

annual appropriations for deepening the harbor have built up our commerce, I have, therefore, earnestly recommended a continuance of this work. The Federal Government has given us 27 feet, at low water, in the channels below the inner harbor; we should do our part by making the upper channels correspond in width and depth. We will thus offer the same water for large shipping as does the harbor of New York. Nor should our railroad connections be neglected, the two great lines of transportation from the West, bring trade and wealth to our city, but it should not be forgotten that the South is the natural market of Baltimore, its produce of raw materials should here find an outlet to the sea, and we should furnish return freight in merchandise purchased in this city. This can only be accomplished, in these days of sharp competition, by our merchants having a controlling interest in some southern line of rail transportation; it is to be hoped that they will give this matter their earnest attention. But, while encouraging commerce, we should recollect that manufacturing is what adds to the reliable, regular advance in the prosperity of Baltimore, it gives work to our mechanics and laboring classes, and increase the wealth of the whole people, by reducing taxation, through an increase in the value of property. The law exempting plant used for manufacturing purposes, while it may not produce immediate results, will eventually attract attention to our legislative advantages; it, at least, removes from this city one of the obstacles which manufacturing capital did not encounter elsewhere. Baltimore should offer every facility, and no obstruction to capital to come out of ground rents and coupon bonds, and go into manufacturing. Let us

advertise abroad that equal facilities are offered here as can be obtained in Philadelphia, Richmond, Wilmington, Delaware, and Pittsburg; and our plentiful supply of cheap water and natural advantages will soon make Baltimore a manufacturing city.

It is hoped that our representatives in Congress will not fail to urge upon the National Government the necessity for constructing the ship canal between the Chesapeake and Delaware, and also a continuance of the appropriation for improving the harbor of Baltimore. Nor should they forget to ask, that while government is making appropriations for strengthening defenses of sea coast cities, Baltimore should not be forgotten. Fort McHenry is only useful to remind us of the days of 1814; Fort Carroll is antiquated and unfinished. In the event of a foreign complication, a great commercial city of 400,000 people would thus be left at the mercy of a single ironclad which might steam up to the unfortified harbor at the head of the Chesapeake.

SUNDRY SUGGESTIONS.

I recommend a modification of the law relating to sweeping chimneys. The present law was enacted when buildings had shingle roofs, and wood was the only fuel. Now, when coal is burned and fire-proof roofs are generally used, the sweep law has become an annoying and unnecessary tax on the people.

I suggest that the appointment of a detective be transferred from the Mayor to the City Comptroller. The use of this officer is chiefly for the enforcement of the law requiring parties to take out city licenses, which business is altogether under the control of the last named officer.

I suggest that a building be provided to be used as a city morgue. There is now no place where the bodies of unknown persons can be kept by the municipal authorities for proper identification.

I recommend an increase of drinking fountains of the pattern suitable for use by persons and horses.

The Appeal Tax Court and City Collector, both refer in their report, to the necessity for a change in the mode of assessment of real and personal property; the law in this connection is very defective. A large amount of personal property escapes taxation, this not only increases the taxes on real property, but divides the burden unequally. Other cities have an annual assessment, which seems to be the best plan, as the value of all property constantly varies. There should at least be an annual assessment of personal property, this can be accomplished by requiring from each citizen, under oath, an annual statement of all personal property owned by him or her, and in default of such statement, let the assessment be made by the assessors. A law of this kind prevails in Boston, under which the assessment on personal property, in 1882, was $244,000,000, while in Baltimore, in the same year, the valution was only $61,000,000, certainly much below the value of such property held in this city.

I suggest that such legislation be obtained as will enable us at least to make an annual assessment of personal property.

The improvement of the city by repaving with Belgian blocks, opening and widening streets, and improving parks and squares, adds to the value of property and increases the taxable basis. The increased

value of property and the new buildings in the vicinity of the Calvert, St. Paul and North street bridges, and of Eutaw Place, have already made a more than sufficient addition to the taxable basis to pay the interest on the cost of these improvements. The Patterson Park enlargement will, in my judgment, pay for itself in a few years, and a similar return would follow what I have suggested in connection with the square in Northeast Baltimore. It is for these reasons that I have always advocated a judicious system of public improvement. In this connection, I desire to call your attention to an act of the Legislature approved May 3, 1882, the object of which was to enable the city to open Mount Royal avenue through Bolton depot, and remove this depot to another locality. I believe that if this project was carried into effect the ground now occupied by Bolton depot, which, under the provisions of the law, would then belong to the city, and the adjoining property would be so much enhanced in value as to more than repay the city for the outlay required to move the depot.

The following suggestions are based upon recommendations made by the City Collector in his report:

1st. A renewal of the appropriation of $1,000 made in 1883 to be expended in the cost of ratification of sales where the city is purchaser of property at tax sales.

2d. That the City Collector be directed to report to the Council the cost of obtaining a series of plats dividing the city into blocks, defining accurately the dimensions of each lot, name of owner, whether improved or not, and description of improvement; the

possession of such maps would greatly facilitate the collection of taxes, and especially aid an annual review in the assessment of real estate.

CONCLUSION.

I strongly urge upon your honorable body the necessity for economical government and a low rate of taxation, make no appropriation after the levy is made, and curtail municipal expenses wherever it can be done without injury to the interests of the people.

The obligation imposed by the charter to furnish an accurate statement of the condition of the city government, and a desire to make such recommendations as I think are at least worthy of your consideration, must be my apology for the length of this message.

I have the honor to be,

With great respect,

Your obedient servant,

FERDINAND C. LATROBE,
*Mayor.*

# REGISTER

OF THE

# CORPORATION OFFICERS

OF

# BALTIMORE CITY,

FOR THE

## YEAR 1884.

# REGISTER

OF THE

# CORPORATION OFFICERS

## OF BALTIMORE CITY,

## FOR THE YEAR 1884.

---

### MAYOR'S OFFICE.

FERDINAND C. LATROBE, *Mayor.*
WILLIAM H. LOVE, *Secretary to the Mayor.*
ANDREW J. KING, *Clerk to the Mayor.*
WILLIAM H. RILEY, *City Messenger.*

---

### REGISTER'S OFFICE.

JOHN A. ROBB, *Register.*
J. SEWELL THOMAS, *Deputy Register.*
CHARLES M. GORDON, *Chief Clerk.*
H. DUVALL, Jr., *Assistant Clerk.*
TIMOTHY D. O'CONNELL, *Assistant Clerk.*

---

### COMPTROLLER'S OFFICE.

JAMES R. HORNER, *Comptroller.*
JOSEPH VANSANT, *Chief Clerk.*
JOHN H. DUVALL, *Assistant Clerk.*
JOSEPH A. BONN, *Assistant Clerk.*
JOHN D. COOK, *License Detective.*

## LAW DEPARTMENT.

JAMES L. McLANE, *City Counselor.*
BERNARD CARTER, *City Solicitor.*
JAMES W. McELROY, *Examiner of Titles.*

---

### Members of the First Branch City Council.

DR. R. F. BURTON, *President.*

First Ward.....Benjamin Glenn.
Second Ward.....Louis Beck.
Third Ward.....Victor H. Klinefelter.
Fourth Ward.....Timothy Maloney.
Fifth Ward.....Dr. David Streett.
Sixth Ward.....L. W. Counselman.
Seventh Ward.....Dr. R. F. Burton.
Eighth Ward.....John Meers.
Ninth Ward.....Dr. Wm. E. Thornton.
Tenth Ward.....Thomas W. Terry.
Eleventh Ward.....Henry W. Rogers.
Twelfth Ward.....Wm. A. Hanway.
Thirteenth Ward.....William H. Cox.
Fourteenth Ward.....Henry N. Bankard.
Fifteenth Ward.....Edward H. Fowler.
Sixteenth Ward.....William C. Bailey.
Seventeenth Ward.....John G. Wehage.
Eighteenth Ward.....John Long.
Nineteenth Ward.....T. B. Hull.
Twentieth Ward.....Edmund M. Hoffman.

A. V. Milholland, *Chief Clerk.*
James T. Dorsey, *Assistant Clerk.*
Henry A. Schultz, *Committee Clerk.*
William Scheeler, *Sergeant-at-Arms.*
Joseph Krager, J. C. Feldhaus. } *Doorkeepers.*
James Mulligan, *Page.*

**Members of the Second Branch City Council.**

ALVIN ROBERTSON, *President.*

First and Second Wards.....Thomas H. Hamilton.
Third and Fourth Wards.....Timothy Ryan.
Fifth and Sixth Wards.....Chas. S. Moran, Jr.
Seventh and Eighth Wards.....J. Nelson Foster.
Ninth and Tenth Wards.....John J. Mahon.
Eleventh and Twelfth Wards.....McHenry Howard.
Thirteenth and Fourteenth Wards.....Alvin Robertson.
Fifteenth and Sixteenth Wards.....James McClellan.
Seventeenth and Eighteenth Wards.....John F. Weyler.
Nineteenth and Twentieth Wards.....Edwin Higgins.

W. Bolton Fitzgerald, *Chief Clerk.*
George W. Green, *Assistant Clerk.*
Capt. James Hall, *Committee Clerk.*
M. Farrell, *Sergeant-at-Arms.*
Lawrence Mayberry, *Doorkeeper.*
John T. Murphy, *Page.*

---

**Department of Finance.**

His Honor, Ferdinand C. Latrobe, *Chairman.*
James Sloan, Jr. Robert T. Baldwin.

---

**Tax Department.**

Edward Higgins, Jr., *City Collector.*
J. T. M. Barnes, *Deputy City Collector.*
Richard G. Ducket, *Cashier.*
Clapham Murray, *Assistant Cashier.*
Charles Schwartzhaupt, *Book-keeper.*
William C. Bordley, Jr., *General Cash Book-keeper.*
Frank Nicholson, *Transfer Clerk.*

| | |
|---|---|
| John H. Duvall, | *Ledger Clerk.* |
| William W. Lanahan, | " |
| James K. Harwood, | " |
| Henry McGinnity, Jr., | " |
| A. B. Upshur, | " |
| Jno. T. Ross, | " |
| Michael P. Caughy, | " |
| F. Dandelet, | " |
| Edw. Thomas, | " |
| Hugh M. Gatchell, | " |
| William H. Russell, | *Baliff.* |
| Jno. H. Bell, | " |
| Robert R. Kirkland, | " |
| Robert W. Hays, | " |
| C. J. O'Brien, | " |
| Jno. M. Travers, | " |
| Patrick Scanlon, | " |
| George W. Spicer, | " |
| G. M. D. Wood, | " |
| Michael Stanton, | " |
| W. H. Mullen, | " |
| Thomas Sheppard, | " |
| John F. Leonard, | " |
| J. Glenn Pitts, | " |
| George W. Snyder, | " |
| William T. Floyd, | " |
| Thomas F. Curran, | " |
| Jno. F. Donohue, | " |
| Francis M. King, | " |
| Richard S. Garrett, | " |
| Charles E. Key, | " |
| David Binswanger, | " |

Joseph B. Bishop, *Baliff.*
Jno. B. Garvey, "
Edmund D. Dunphy, "
Charles A. Malloy, "
Andrew T. Lafleur, "
Henry W. Hiser, "

---

**Judges of Appeal Tax Court.**

H. Clay Dallam, James S. Morrow, James E. Carr.

H. P. Mowinckle, *Chief Clerk.*
Michael H. Doyle, *Assistant Clerk.*
Michael Roche, *Assessor.*
W. W. Orndorff, "
Henry Duvall, "
James F. Deale, *Clerk to Assessors.*

---

**City Commissioner's Department.**

Thomas S. Wilkinson, *City Commissioner.*
Newton M. Gray, *Assistant City Commissioner.*
Christopher Billopp, " " "
Charles P. Kahler, " " "
John E. Toole, *Clerk.*

---

**City Library.**

Samuel D. Smith, *Librarian.*
John G. Scott, *Ass't* "

---

**Inspector of Public Buildings' Office.**

John S. Hogg, *Inspector.*
J. Theodore Oster, *Assistant Inspector.*
F. W. Elder, *Clerk.*

**Commissioners for Opening Streets.**

John McWilliams, *for one year.*
John B. Williams, *for two years.*
Dr. M. W. Donavin, *for three years.*
Robert F. Green, *Clerk.*

---

**Health Department.**

*Commissioner of Health and Registrar,*
James A. Steuart, M. D.

*Assistant Commissioner of Health,*
James F. McShane, M. D.

*Resident Physician Quarantine Hospital of the Port of Baltimore,*
S. O. Heiskell, M. D.

*Secretary,*
A. Robert Carter.

*Assistant Secretary,*
George C. Vansant.

*Nuisance Clerk,*
George R. Cragg.

*Registrar's Clerk.*
F. W. Raborg.

*Permit Clerk,*
V. B. Hines.

*Assistant Registrar's Clerk and Assistant Permit Clerk,*
Montgomery Lawrence.

*Collector of Mortuary and Vital Statistics,*

Emanuel Weinman.

*Sanitary Inspectors,*

Joseph V. Fitzpatrick,
George E. Brown,
John E. Durding,
Henry M. McKewen,
Samuel A. Clagett,
Walter C. Roberts.

*Vaccine Physicians.*

| | | | |
|---|---|---|---|
| 1st and 2d | Wards | N. L. Dashiells, Jr., | M. D. |
| 3d and 4th | " | J. M. Cockrill, | " |
| 5th and 6th | " | James E. Whiteford, | " |
| 7th and 8th | " | Charles B. Ziegler, | " |
| 9th and 10th | " | DeLancey H. Barclay, | " |
| 11th and 12th | " | W. F. Lockwood, | " |
| 13th and 14th | " | B. F. Phillips, | " |
| 15th and 16th | " | R. C. Smith, | " |
| 17th and 18th | " | O. A. Cooke, | " |
| 19th and 20th | " | J. D. Norris, | " |

*Superintendent of East Baltimore Public Cemetery,*

George Rinehart.

*Superintendent of West Baltimore Public Cemetery,*

Frederick A. Kerchner.

*Superintendent of Eastern District Sewers,*

Henry Paff.

*Superintendent of Western District Sewers,*

John Meagher.

*Superintendent of Canton Dump, Foley's Wharf,*
James Quinn.

*Assistant Superintendent of Canton Dump, Foley's Wharf,*
M. J. Corcoran.

*Superintendent of Spring Garden Dump, Winan's Wharf,*
A. H. Volz.

*Assistant Superintendent of Spring Garden Dump, Winan s Wharf,*
George Moran.

*Superintendent of Plumbing,*
John W. Lee.

---

**Commissioner of Street Cleaning,**

Bartholomew E. Smith.

SUPERINTENDENTS OF STREETS,

Bernard V. Kelly, *First District.*
Joseph P. Scott, *Second* "
Michael Fadgen, *Third* "
James F. Busey, *Fourth* "
Henry Lancaster, *Fifth* "
William Gisriel, *Sixth* "

---

**Harbor Board.**

His Honor, Ferdinand C. Latrobe, *Chairman.*

William H. Skinner, Jno. W. McCoy,
Alexander Jones, Robert T. Baldwin,
James S. Woodside, Thornton Rollins.

N. H. Hutton, *Engineer.*
James H. Irvin, Jr., *Clerk.*

**Engineer for the Improvement of Jones' Falls,**

Charles H. Latrobe.

---

**Superintendent of City Hall,**

James Donnelly.

---

**Day Watchmen at City Hall,**

James Merritt,
Jno. Cosgrove,
Dennis Bergen.

---

**Night Watchmen at City Hall,**

John Schlereth,
John Rooney.

---

**Engineers at City Hall,**

George W. Vandaniker,
Curtis B. Simonds.

---

**Firemen at City Hall,**

James Callahan,
Michael O'Day,
Thomas Hopper,
John F. Ahern.

---

**Park Commission.**

His Honor, Ferdinand C. Latrobe, *Chairman.*
John H. B. Latrobe, George S. Brown,
William E. Hooper, Charles H. Mercer,
D. Rayhice, *Clerk.*

## Water Department.

### Commissioners.

His Honor, Ferdinand C. Latrobe, *President.*

John F. Hunter,
Thomas Bond,
N. Rufus Gill,
Geo. U. Porter,
William A. Marburg,
John E. Hurst.

---

### Registrar's Department.

Edward Shriver, *Water Registrar.*
James A. Marrian, *General Book-keeper.*
James S. Etchberger, *Cashier.*
J. J. C. Scully, *Clerk of Errors.*
E. A. Hogg, *Ledger Clerk.*
E. J. Edwards, "
Wm. F. Hynson, "
John Gibson, "
Thomas H. Blick, *Clerk of Delinquents.*
Saml. A. Hart, " "
Benjamin Price, *Inspector and Bill Distributor.*
George A. Coleman, " "
John D. Alcock, " "
S. L. Auerbach, " "
W. A. Maloney, " "
D. G. Carlisle, " "
George W. Emmerich, *Hydrant Inspector.*

---

### Engineer's Department.

Robert K. Martin, *Chief Engineer.*
James Curran, *Engineer and Supt. of City Division.*
Wm. L. Kenly, " " *of County* "
Richard D. Murphy, *Clerk.*

**Baltimore City Jail.**

BOARD OF VISITORS.

James E. Tate, *President.*
Hon. Ferdinand C. Latrobe, *Ex-Officio.*
Harry McCoy, John P. Thomas,
John H. Holthaus, Harry E. Reinhard.
J. H. Sirich, *Secretary.*

---

J. F. Morrison, *Warden.*
Dr. D. P. Hoffman, *Physician.*
Wm. H. H. Turner, *Clerk.*

---

*Deputy Wardens,*

Charles F. Edwards, Cornelius McLaughlin,
Thomas M. Kenney, John Shea,
William H. Tibbels, E. C. Donnelly,
Joseph C. Sanner, George Hamlin,
John T. Barber, Charles G. Waters,
J. F. Rials, P. W. Weber,
William H. Jeffers, J. H. Darling,
P. F. Flannery, M. F. Gorman,
C. C. Smith.

---

Jno. H. Stutt, *Engineer.*
Charles W. Muhly, *Baker.*
Loudon Feast, *Gardener.*
Mrs. Carrie Doll, *Matron.*
James Ratty, *Hostler.*

**Commissioners of Public Schools.**

John T. Morris, *President.*

First Ward.....Francis J. Ruth.
Second " .....George H. Budeke.
Third " .....John B. Wentz.
Fourth " .....William M. Ives.
Fifth " .....James Boyle.
Sixth " .....Simon P. Schott.
Seventh " .....Robert H. Sinclair.
Eighth " .....John T. Foley.
Ninth " .....Joshua Plaskitt.
Tenth " .....John T. Morris.
Eleventh " .....John P. Poe.
Twelfth " .....Benjamin Price.
Thirteenth Ward.....Harry H. Garrigues.
Fourteenth " .....F. G. Connelly, M. D.
Fifteenth " .....J. William Kines.
Sixteenth " .....William E. Addison.
Seventeenth " .....Christian W. Keidel.
Eighteenth " .....Thomas H. Graham.
Nineteenth " .....James W. Bowers.
Twentieth " .....Calvin J. King.

Henry M. Cowles, *Secretary.*
Henry A. Wise, *Superintendent.*
Charles G. Edwards, *Assistant Superintendent.*
Albert Marshall, *Clerk.*
Jacob Boston, *Librarian.*

---

*Trustees of McDonogh Educational Fund and Institute.*

Samuel H. Tagart, *President.*

William A. Stewart, David L. Bartlett,
H. Clay Dallam, *Sec'y. and Agent,* German H. Hunt,
Robert T. Baldwin, Charles H. Mercer.

**Trustees of Almshouse.**

Joseph Friedenwald, *President.*
Wilton H. Hartman, Simon I. Kemp, George A. Blake.
Jno. Black, *Secretary.*
William Henry Hiss, *Purveyor.*
Georgo W. Bennett, *Superintendent.*
Jno. R. Hammett, *Clerk and Storekeeper.*
William Kaiser, *Engineer.*
William C. Kernan, *Assistant Engineer.*
Jno. F. Barranger, *Gardener.*
Thomas Connor, *Messenger.*
Jno. Beiswanger, *Baker.*
Mrs. Susan McCahan, *Matron.*
Mrs. I. R. Kerly, *Ass't* "
Dr. W. J. Jones,
Dr. M. Page McIntosh, } *Resident Physicians.*
Dr. Alfred B. Giles, *Apothecary.*

---

*Agent of Baltimore City for the Deaf and Dumb,*
William R. Barry.

---

*Directors on behalf of the City of the Maryland Industrial Schools for Girls,*

G. S. Griffith, John Q. A. Herring,
G. Harlan Williams, John C. Bridges,
George R. Skillman.

---

*Directors on behalf of the City in the Female House of Refuge,*

Walter L. Virtue, Jno. C. Bridges,
George R. Skillman, Charles Lutz,
Daniel Greenbaum.

*Managers on part of City of St. Mary's Industrial School,*

Henry McNally, John F. Hunter, R. W. L. Rasin.

---

*Managers of House of Refuge on the part of the City,*

George H. Stewart,
Rev. Jno. G. Morris,
Charles L. Oudesluys,
Jno. Q. A. Herring,
Dr. F. Hassencamp,
Maurice Laupheimer,
William S. Raynor,
George W. Wood,
Jno. L. Crise,
Levi Weinberger.

---

*Managers on the part of the City for the House of Reformation and Instruction for Colored Children,*

Charles T. Boehm, George J. Zimmerman.

---

*Directors on the part of the City in the Baltimore and Ohio Railroad Company,*

Benjamin F. Ulman,
Edward L. Bartlett,
Samuel E. Atkinson,
Robert Ober,
Michael Coakley,
Jacob W. Hook,
J. Frank Supplee.

---

*Directors on the part of the City in the Union Railroad Company,*

Walter B. McAtee, John S. Leib.

*Directors on the part of the City in the Western Maryland Railroad Company.*

J. M. Hood, *President.*

Alex. Rieman, *Vice-President,*
Christian Devries,
E. G. Hipsley,
Daniel J. Foley,
Wm. H. Graham,
Jno. I. Middleton,
Samuel H. Tagart,
German H. Hunt.

---

*Commission to examine and report upon the present system of Assessments and Collecting Taxes in Baltimore,*

J. Hall Pleasants,
John S. Hogg,
Francis T. King,
J. Saurin Norris,
James H. Barney,
John I. Middleton.

J. D. Ferguson, *Secretary.*

---

*Directors on the part of the City in the Valley Railroad Company,*

Henry Duvall, Decatur H. Miller, Osmun Latrobe.

---

*Harbor Masters.*

First District.....Jos. E. Cromwell.
Second " .....William Knorr.
Third " .....Burgwyn Maitland.
Fourth " .....James J. Flannery.
Fifth " .....Geo. A. Freburger.
Sixth " .....Charles Durm.

*Inspectors of Weights and Measures,*

Northwestern District.....Christian Leutbacher.
Northeastern " .....Wm. Henry.
Southwestern " .....Charles E. Stewart.
Southeastern " .....Francis Herr.

---

*Inspector of Long and Dry Measures,*

Andrew J. Stout.

---

*Inspector of Coal Oil and Illuminating Gas,*

Prof. Wm. E. A. Aiken.

---

*General Superintendent of Lamps and Inspector and Sealer of Gas Meters,*

Frederick W. King.

---

*Inspector of Charcoal,*

Geo. W. Busch.

---

*Distributors of Fund for the Relief of the Widows of those who fell in Defence of the City in* 1814,

Findlay H. Burns, George Small, John W. Davis.

*Superintendents of Chimneys.*

First District.....John C. Smyth.
Second " .....John B. Rudolph.
Third " .....Geo. W. Trumbo.
Fourth " .....Benedict Howard.
Fifth " .....John Moan.
Sixth " .....Charles Stumph.
Seventh " .....John C. Dietz.
Eighth " .....W. H. Hoffman.
Ninth " ..... Geo. W. Lepson.
Tenth " .....Magnus Mueller.
Eleventh " .....Geo. Buckheimer.

---

*Superintendent of Court House, Record Office and Grounds,*
William H. Clifford.

---

*Watchman at Court House,*
Daniel Barr.

---

*Janitor of Old Masonic Hall Building,*
Patrick Reilly.

---

*Watchman at Old Masonic Hall Building,*
William Larkin.

---

*Janitor of the Orphan's Court,*
James Stanton.

*Keeper of Drawbridge,*

George Konig.
Wm. H. Konig, *Assistant,*

---

*Keeper of Washington Monument,*

James D. MacKenzie.

---

*Keeper of Harman's Bridge,*

Edward Stowman.

---

*Keeper of North, Calvert and St. Paul Street Bridges,*

John Golden.

---

*Keeper of Dog Pound,*

Thomas S. Hamlin.

---

*Clerk of Centre Market,*

Daniel Murray.
Jno. F. Bracken, *Assistant Clerk.*

---

*Clerk of Lexington Market,*

William H. Pope.
Geo. T. Nicholson, *Assistant Clerk.*

*Clerk of Fells Point Market,*
Frederick Buckheimer.

---

*Clerk of Belair Market,*
Joseph H. Wright.

---

*Clerk of Hollins Market,*
John O'Keefe.

---

*Clerk of Hanover Market,*
George A. Albaugh.

---

*Clerk of Richmond Market,*
Andrew J. Norris.

---

*Clerk of Lafayette Market,*
Thomas Briddell.

---

*Clerk of Cross Street Market,*
James Graham.

---

*Keeper of Hall over Broadway Market,*
Michael P. German.

*Keeper of Market under Maryland Institute,*

John Monaghan.

---

*Commissioners of Union Square,*

Andrew J. Fairbank, Joseph Riddlemoser, H. W. B. Reid.

---

*Commissioners of Franklin Square,*

Henry W. Roane, Albert Gottschalk, Robert M. Sutton.

---

*Commissioners of Lafayette Square,*

Jas. E. Tate, Dr. T. S. Boykin, H. G. Vickery.

---

*Commissioners of Eutaw Place Squares—First Division,*

L. W. Gunther, Fred'k Raine, Wm. H. Blackford,
Isaac S. George, A. C. Trippe.

---

*Commissioners of Eutaw Place Squares—Second Division,*

T. Edward Hambleton, Jerome Gill,
George J. Popplein.

---

*Commissioner of Triangle formed by North avenue, Oliver and McMechen Streets,*

George P. Frick.

*Commissioners of Mount Vernon Squares,*

Thomas M. Lanahan, Robert Garrett, Henry C. Smith.

---

*Commissioners of Madison Square,*

Wm. Bishop, Dr. Sam'l W. Seldner, Jos. A. Batzer.

---

*Commissioners of Jackson Square,*

Henry Bolte, Jno. W. Bay, John H. Adams.

---

*Commissioners of Harlem Park,*

Jas. W. Teal, Jas. R. Marley, Jas. L. Kernan.

---

*Commissioners of Eastern City Square,*

Jas. W. Cruett, Wm. F. Edwards, Jno. A. Simpson.

---

*Commissioners of Broadway Square—6th Ward,*

L. C. Roehle, Alex. McClintock, Sam'l Pattison.

---

*Commissioners of Broadway Squares—7th Ward,*

J. W. Keefer, E. .P Vincente, Thomas W. Morse.

---

*Commissioners of Perkins Spring Square,*

Joseph Harris, J. Frank Wilhelm, E. Frank Hook.

*Commissioners of Park Place,*

Frank Frick, Garrett B. Davis, Basil Wagner.

---

*Commissioners of Taney Place,*

Jos. C. Harris, Dr. F. W. Brume,
H. Rozier Dulaney.

---

*Commissioners of Ashland Square,*

James Sapp, Edward Medinger, Richard S. Bridge.

---

*Commissioner of the Circle at Baker street and Fulton avenue,*

Geo. T. Ford.

---

*Keeper of Calvert Street Spring,*

Bernard Brady.

---

*Keeper of Madison Square,*

John Baker.

---

*Keeper of Union Square,*

R. G. Welsh.

*Keeper of Harlem Park,*
William Sheehan.

---

*Keeper of Lafayette Square,*
Henry Manion.

---

*Keeper of Franklin Square,*
Ezekiel Gray, Sr.

---

*Keeper of Eastern Fountain,*
Francis Brashears.

---

*Keeper of Broadway Squares—6th Ward,*
Frederick Williams.

---

*Keeper of Broadway Squares—7th Ward,*
James K. P. Fredericks.

---

*Keeper of Perkins' Spring Square,*
Peter Doyle.

---

*Keeper of Ashland Square,*
John C. Gareis.

*Keeper of Jackson Square,*

John Remmel.

---

*Keeper of Taney Place,*

Aug. Bechtold.

---

*Ward Managers of the Poor,*

First Ward.....Moses Fleishman.
Second Ward.....Geo. Schaeffer.
Third Ward.....Richard C. Kemp.
Fourth Ward.....Lewis Strasburger.
Fifth Ward.....Adolph Hamburger.
Sixth Ward.....Jno. B. Wellener.
Seventh Ward.....Alex. Bond.
Eighth Ward.....Michael Hagan.
Ninth Ward.....Sol. Goodman.
Tenth Ward.....Michael Hess.
Eleventh Ward.....Chas. F. Taylor.
Twelfth Ward.....Isaac S. George.
Thirteenth Ward.....Wm. J. Baker.
Fourteenth Ward.....T. P. Perine.
Fifteenth Ward.....Joseph J. Harig.
Sixteenth Ward.....Peter Hines.
Seventeenth Ward.....Wm. L. P. Riggin.
Eighteenth Ward.....Jno. P. Fahey.
Nineteenth Ward.....George A. Smith.
Twentieth Ward..... John B. Thomas, Jr.

---

*Superintendents of Lamplighters,*

A. Ryan, John Diehl,
Benj. Crisp, Joshua E. Stinchcomb,
Wm. J. Laughlin.

*Lamplighters,*

Robert Wells,
Lewis Winters,
Edward Schnur,
Michael Fahey,
Oliver Anderson,
John G. Wagner,
W. S. Card,
John Chambers,
Joseph Burkman,
John Wheeler,
Thomas Conley,
George L. Brady,
Benjamin Tall,
John McDonough,
Jacob H. Schwartz,
John Musch,
Jer. Harrigan,
Chris. Vogline,
Harry Burns,
Henry Simpson,
William V. McCann,
James Kerns,
William G. Rouse,
John Meninger,
Peter Murphy,
Francis Curran,
Herman Hass,
Conrad Sommer,
John Kasselly,
Charles Noethan,
Michael Collins,
William Holden,
Thomas Hand,
Michael Tuttle,
Matthew Nooney,
Edward Welsh,
Martin McDonough,
James Start,
Thomas Rooney,
Hugh Potter,
John Kelly,
John Spellman,
Peter Cunningham,
John Jeffers,
William Zell,
John Mehling,
Henry Bauerfine,
John Fox,
John G. Moore,
Philip Kratz,
John Homan,
Charles Hetroth,
Millard F. Mace,
William Murray,
Martin Eagan,
William Montague,
Louis Wode,
John Herbert,
Thomas Bentley,
George Ward,
Elic Stricker,
James Kidd,
Francis Eagan,
Henry Keugle,
Thomas May,
James Burley,
William Collins,
Henry Pelgrim,
Mark McBride,
Patrick Curtin,
Emmanuel Meuner,
Michael Ragan,

William H. Jubb,
William F. Watkins,
John Bersch,
Fred. A. Shaufelter,
William Hoffman,
William H. McGurry,
James Hinn,
James L. Hughes,
James M. Johnson,
George Schaum,
M. Kimmert,
John Raurft,
Andrew Kappes,
John Benson,
Adam Freibert,
Joseph Brown,
John T. Larkin,
Matthew Rudolph,
William Farley,
Nathan Wright,
Philip Kimmel,
John Dorsey,
Robert Willis,
George M. Frank,
Christian Schrimp,
George H. Smiter,
Anton Grieb,
Herman Haas,
Joseph Countess,
Michael Wagner,

Uriah B. Meiksell.

---

*Constables.*

| | | |
|---|---|---|
| First | Ward | Horatio Wallace. |
| " | " | H. L. Diering. |
| Second | " | J. J. Kennedy. |
| " | " | John M. Darley. |
| " | " | Thomas S. Peters. |
| Third | " | Philip A. Boss. |
| " | " | John H. Calvert. |
| Fourth | " | Godfrey Koffenberger. |
| " | " | Wm. Streb. |
| Fifth | " | John O. Greer. |
| " | " | Hugh O'Brien. |
| " | " | Frank H. Abbess. |
| " | " | L. D. Miller. |
| Sixth | " | Wm. W. Rollins. |
| " | " | Jacob B. Lehman. |
| Seventh | " | Wm. F. Eberwein. |
| " | " | David M. Pollard. |

| | | |
|---|---|---|
| Eighth | Ward | Hood Stoddard. |
| " | " | Daniel Taylor. |
| " | " | David Dobler. |
| Ninth | " | E. C. Lilly. |
| " | " | John F. Cook. |
| | " | John K. Stein. |
| Tenth | " | Wm. P. Smith. |
| " | " | H. W. Lee. |
| Eleventh | " | Charles A. Davis. |
| " | " | Nelson Robinson. |
| Twelfth | " | Stephen A. Morse. |
| " | " | Geo. T. Holliday. |
| Thirteenth | " | Andrew F. Carrick. |
| " | " | John R. Dove. |
| Fourteenth | " | Henry Bernheimer. |
| " | " | James D. Kearney. |
| Fifteenth | " | Thomas H. Shanks. |
| " | " | W. B. Lyons. |
| Sixteenth | " | Josiah S. Showacre. |
| " | " | Theop. N. Weems. |
| Seventeenth | " | D. P. West. |
| " | " | Robert A. Thursby. |
| Eighteenth | " | T. J. Omohundro. |
| " | " | Wm. F. Bragg. |
| Nineteenth | " | Wm. H. McCabe. |
| " | " | Richard O. Jessop. |
| Twentieth | " | Andrew J. Collars. |
| " | " | John E. Kropps. |
| " | " | John B. Ray. |

# *Officers and Members of the Fire Department.*

*Fire Commissioners.*

Samuel Kirk, *President.*

John F. Hunter, J. Alex. Preston.

*Secretary and Clerk,*

David H. Lucchesi.

*Chief Engineer,*

John M. Hennick.

*Assistant Engineers,*

George W. Ellender, *Eastern District.*

Thomas F. Murphy, *Western District.*

*Fire Inspector,*

Charles T. Holloway.

*Superintendent of Police and Fire Alarm Telegraph,*

Charles J. McAleese.

*Telegraph Operators,*

Frank J. Connor, Frank L. McAleese,

Alexandria Crummer, Harry P. Lucas.

*Substitute Operator,*

W. H. Bower.

*Lineman,*

Robert Kain.

*Assistant Lineman and Batteryman,*

Thomas F. Byrne.

*No. 1 Engine.*

Jacob Hayward ..... *Captain.*
Charles E. Freeburger ..... *Engineman.*
James Nugent ..... *Ass't Engineman.*
Lewis J. Fresch ..... *Hostler.*
Robert Close ..... *Houseman.*
William H. White ..... *Fireman.*
John H. Morgan ..... "
E. R. Addison ..... "
M. J. Halloran ..... "
John Flynn ..... "
Frederick Dunn ..... "
Jno. J. Robinson ..... "

---

*No. 2 Engine.*

Jacob Hines ..... *Captain.*
Thomas Wheatley ..... *Engineman.*
Samuel W. Stansbury ..... *Ass't Engineman.*
John Reed ..... *Hostler.*
C. H. Hamel ..... *Houseman.*
T. S. Rodenhi ..... *Fireman.*
James Humes ..... "
Charles Romoser ..... "
Charles Causey ..... "
Charles Klessel ..... "
John Leddon ..... "
Charles Grund ..... "

*No. 3 Engine.*

R. A. Lindsey.....*Captain.*
T. H. Humphreys.....*Engineman.*
P. F. Moriarity.....*Ass't Engineman.*
John F. Peerce.....*Hostler.*
W. F. Pasterfield.....*Houseman.*
J. L. Lindsay.....*Fireman.*
T. B. Strahan..... "
Allen Orem..... "
Wm. H. Hartman..... "
M. Kirby..... "
Wm. H. Riley..... "
G. C. Hodges..... "

---

*No. 4 Engine.*

George W. Horton.....*Captain.*
F. K. Conway.....*Engineman.*
Jno. Gaffney.....*Ass't Engineman.*
A. J. Connelly.....*Hostler.*
F. H. Lucas.....*Houseman.*
George W. Bentz.....*Fireman.*
James Allen..... "
Jas. H. Daly..... "
E. Shultz..... "
Constant Siebert..... "
Wilmer West..... "
James Burke..... "

*No. 5 Engine.*

William G. Miller..... *Captain.*
F. L. Nelson.....*Engineman.*
J. Linderman.....*Ass't Engineman.*
Henry Murphy.....*Hostler.*
Wm. B. Baker.....*Houseman.*
James Peacock.....*Fireman.*
Julius O. Krauch..... "
Edward Bailey..... "
William T. Disney..... "
James Rielly..... "
Benj. Price..... "
Wm. Baker..... "

---

*No. 6 Engine.*

Bernard Shaw.....*Captain.*
M. Mulligan.....*Engineman.*
R. J. Boyle.....*Ass't Engineman.*
Wm. J. Patterson.....*Hostler.*
J. O. Healey.....*Houseman.*
T. B. Rial .....*Fireman.*
L. Blake..... "
J. Gallagher..... "
Wm. Gordon..... "
Geo. Mineburg..... "
Francis D. Kerr..... "

*No. 7 Engine.*

George H. Houck.....*Captain.*
J. J. McCoy.....*Engineman.*
Jacob Corns.....*Ass't Engineman.*
J. Friedhoffer.....*Hostler.*
William Morrow.....*Houseman.*
J. Gildea.....*Fireman.*
J. Lavender..... "
J. F. Cook..... "
John J. Houck..... "
H. Walker..... "
E. A. Sheeks..... "

---

*No. 8 Engine.*

E. C. Keyser.....*Captain.*
M. F. Welsh.....*Engineman.*
John Conway.....*Ass't Engineman.*
William J. Stewart.....*Hostler.*
A. J. Walter.....*Fireman.*
O. D. Burgess..... "
G. B. Chapman..... "
F. Johnston..... "
Howard Scott..... "
Charles Minton..... "
Lewis Cook..... "

*No. 9 Engine.*

D. H. Macauley.....*Captain.*
D. R. Rogers.....*Engineman.*
Wm. H. Stanton.....*Ass't Engineman.*
Charles P. Nelson.....*Hostler.*
James McDevitt.....*Houseman.*
Sol Uhlfelder.....*Fireman.*
Charles Frey..... "
Charles C. Neilson..... "
Wm. C. Burrier..... "
Lemuel Piercy..... "
John H. Cruse..... "

---

*No. 10 Engine.*

Wm. R. Ward.....*Captain.*
John W. Walsh.....*Engineman.*
C. P. Kuhan.....*Ass't Engineman.*
Geo. W. Thorpe.....*Hostler.*
Jesse Keilholtz.....*Fireman.*
Wm. Brady..... "
B. F. Seipp..... "
Alfred Squires..... "
D. C. Weaver, Jr..... "
Sam'l W. Marker..... "
George W. Smith..... "

*No.* 11 *Engine.*

Andrew Perry.....*Captain.*
John Calder.....*Engineman.*
A. M. Minnigue.....*Ass't Engineman.*
John Kelly.....*Hostler.*
R. H. Seippel.....*Fireman.*
Jas. D. Daniels..... "
Thos. Kane..... "
Albert Gier..... "
P. F. Bradley..... "
Jos. P. Kelly..... "
R. V. Pittinger..... "

---

*No.* 12 *Engine.*

Wm. Schulte.....*Captain.*
Michael Lycett.....*Engineman.*
T. S. Atkinson.....*Ass't Engineman.*
George D. Taylor.....*Hostler.*
J. W. Moon.....*Houseman.*
L. G. Broadwater.....*Fireman.*
Thos. Fitzpatrick..... "
Henry Seebach..... "
B. T. Wirts..... "
Ed. C. Klessel..... "
B. Carter..... "

*No.* 13 *Engine.*

John Hoffman.....*Captain.*
John H. Deal.....*Engineman.*
John A. Bannon.....*Ass't Engineman.*
C. C. Clabaugh.....*Hostler.*
Philip Bowen.....*Fireman.*
Lawrence Pistel..... "
Louis C. Campbell..... "
W. S. Lilly..... "
James Keyser..... "
Wilbur Peirce..... "
W. R. La Shorne..... "

---

*No.* 1 *Hook and Ladder.*

Wm. M. Dunn.....*Captain.*
John R. Farr.....*Tillerman.*
Henry Pierce.....*Hostler.*
George W. Haskell.....*Houseman.*
John P. Ward..... "
John B. Keene.....*Ladderman.*
James Disney..... "
John R. Battee..... "
Fred. Oelman..... "
Alex. Crismer..... "
Albert Ramea..... "
Wm. R. E. L. Mears..... "

*No. 2 Hook and Ladder.*

Fred. A. Marston.....*Captain.*
Chas. Rolf.....*Tillerman.*
Thomas Montgomery.....*Hostler.*
John W. Blake.....*Houseman.*
Thomas Wagner.....*Ladderman.*
J. F. Schafer..... "
Lewis Pistel..... "
Edward W. Windle..... "
Fred. Branan..... "
William H. Quigley..... "
C. E. Eichelberger..... "
Thomas Strahler..... "
John Lynch..... "

---

*No. 3 Hook and Ladder.*

George W. Foxwell.....*Captain.*
John McClellan.....*Tillerman.*
Charles Schoepplein.....*Hostler.*
Louis Locks.....*Houseman.*
F. W. Dauterick..... "
George Bosse.....*Ladderman.*
Jesse Vickers..... "
John A. Sauer..... "
Andrew German..... "
John N. Downs..... "
Wm. M. Burns..... "

*No. 4 Hook and Ladder.*

James Kelly..... *Captain.*
James Gill..... *Tillerman.*
John G. Gill..... *Houseman.*
Jacob Green..... "
George Bowers..... *Hostler.*
Chas. H. Baker..... *Ladderman.*
Louis B. Schieve..... "
Thos. H. Reip..... "
Harry C. Loane..... "
Andrew Bilson..... "
John J. Sisson..... "
Geo. W. Allen..... "

# *JUDGES AND CLERKS OF COURTS.*

*Judges of the Supreme Bench,*
Hon. Geo. Wm. Brown,
" Wm. A. Fisher,
" Wm. A. Stewart,
" Chas. E. Phelps,
" Edward Duffy.

*Clerk of the Superior Court,*
James Bond.

*Clerk of the Court of Common Pleas,*
I. Freeman Rasin.

*Clerk of the Circuit Court,*
James R. Brewer.

*Clerk of the Criminal Court,*
John S. Bullock.

*Clerk of the City Court,*
Wm. F. McKewen.

# COMMITTEES

OF THE

# CITY COUNCIL OF BALTIMORE,

*FOR THE YEAR 1884.*

# JOINT STANDING COMMITTEES.

## WAYS AND MEANS.

| *First Branch.* | *Second Branch.* |
|---|---|
| Hanway, Wm. A. | Foster, J. Nelson |
| Klinefelter, V. H. | Mahon, John J. |
| Thornton, Wm. E. | Weyler, John F. |

## BRIDGES.

| *First Branch.* | *Second Branch.* |
|---|---|
| Counselman, L. W. | Ryan, Timothy |
| Glenn, Benj. | McClellan, James |
| Hoffman, Edmund M. | Foster, J. Nelson |

## WATER.

| *First Branch.* | *Second Branch.* |
|---|---|
| Rogers, Henry W. | Howard, McHenry |
| Beck, Louis | Higgins, Edwin |
| Bankard, Henry N. | Moran, Charles S. |

## CLAIMS.

| *First Branch.* | *Second Branch.* |
|---|---|
| Hanway, Wm. A. | Howard, McHenry |
| Rogers, Henry W. | Higgins, Edwin |
| Terry, Thomas W. | McClellan, James |

## HIGHWAYS.

| *First Branch.* | *Second Branch.* |
|---|---|
| Cox, Wm. H. | Mahon, John J. |
| Klinefelter, Victor H. | Weyler, John F. |
| Long, John | Moran, Charles S. |

## HARBOR.

| *First Branch.* | *Second Branch.* |
|---|---|
| Glenn, Benjamin | Weyler, John F. |
| Counselman, L. W. | Ryan, Timothy |
| Fowler, Edw. H. | Hamilton, Thomas H. |

## HEALTH.

| *First Branch.* | *Second Branch.* |
|---|---|
| Streett, David | Higgins, Edwin |
| Cox, William H. | Hamilton, Thomas H. |
| Hoffman, Edmund M. | Mahon, John J. |

## CITY PROPERTY.

| *First Branch.* | *Second Branch.* |
|---|---|
| Hull, T. Burling | McClellan, James |
| Klinefelter, Victor H. | Ryan, Timothy |
| Wehage, John G. | Mahon, John J. |

## MARKETS.

| *First Branch.* | *Second Branch.* |
|---|---|
| Cox, William H. | Hamilton, Thomas H. |
| Meers, John | Higgins, Edwin |
| Counselman, L. W. | McClellan, James |

## EDUCATION.

| *First Branch.* | *Second Branch.* |
|---|---|
| Wehage, John G. | Hamilton, Thomas H. |
| Hull, T. Burling | Howard, McHenry |
| Terry, Thomas W. | Foster, J. N. |

## McDONOGH BEQUEST.

| *First Branch.* | *Second Branch.* |
|---|---|
| Bailey, W. C. | McClellan, James |
| Bankard, Henry N. | Mahon, John J. |
| Terry, Thomas W. | Hamilton, Thomas H. |

## HOUSE OF REFUGE.

| *First Branch.* | *Second Branch.* |
|---|---|
| Bankard, Henry N. | Weyler, John F. |
| Bailey, W. C. | Howard, McHenry |
| Long, John | Ryan, Timothy |

## INTERNAL IMPROVEMENTS.

| *First Branch.* | *Second Branch.* |
|---|---|
| Klinefelter, Victor H. | McClellan, James |
| Beck, Louis | Mahon, John J. |
| Long, John | Moran, Charles S. |

## FIRE DEPARTMENT.

| *First Branch.* | *Second Branch.* |
|---|---|
| Thornton, William E. | Foster, J. Nelson |
| Streett, David | Moran, Charles S. |
| Counselman, L. W. | Weyler, John F. |

## PARKS.

| *First Branch.* | *Second Branch.* |
|---|---|
| Terry, Thomas W. | Higgins, Edwin |
| Bailey, W. C. | Howard, McHenry |
| Beck, Louis | Moran, Charles S. |

## POLICE AND JAIL.

| *First Branch.* | *Second Branch.* |
|---|---|
| Cox, William H. | Moran, Charles S. |
| Counselman, L. W. | Foster, J. Nelson |
| Long, John | Weyler, John F. |

## CITY PASSENGER RAILWAYS.

| *First Branch.* | *Second Branch.* |
|---|---|
| Streett, David | Hamilton, Thomas H. |
| Maloney, Timothy | Ryan, Timothy |
| Fowler, Edward H. | Weyler, John F. |

## ALMSHOUSE.

| *First Branch.* | *Second Branch.* |
|---|---|
| Hoffman, Edmund M. | Hamilton, Thomas H. |
| Beck, Louis | Ryan, Timothy |
| Maloney, Timothy | Foster, J. Nelson |

## COMMERCE AND MANUFACTURES.

| *First Branch.* | *Second Branch.* |
|---|---|
| Hoffman, Edmund M. | Higgins, Edwin |
| Maloney, Timothy | McClellan, Jas. |
| Fowler, E. H. | Howard, McHenry |

## JONES' FALLS.

| *First Branch.* | *Second Branch.* |
|---|---|
| Klinefelter, Victor H. | Ryan, Timothy |
| Maloney, Timothy | Moran, Chas. S. |
| Fowler, E. H. | Foster, J. Nelson |

## CITY PRINTING.

| *First Branch.* | *Second Branch.* |
|---|---|
| Klinefelter, Victor H. | Moran, Chas. S. |
| Hull, T. Burling | Mahon, John J. |
| Glenn, Benj. | Howard, McHenry |

## ENROLLMENT.

| *First Branch.* | *Second Branch.* |
|---|---|
| Fowler, Edward H. | Howard, McHenry |
| Thornton, Wm. E. | Higgins, Edwin |

---

## *Joint Special Committee for the Introduction of the Waters of the Gunpowder River into the City.*

| *First Branch.* | *Second Branch.* |
|---|---|
| Hull, T. Burling | Howard, McHenry |
| Meers, John | Ryan, Timothy |
| Long, John | Higgins, Edwin |
| Cox, Wm. H. | McClellan, James |
| Hanway, William A. | Foster, J. Nelson |

# JOINT SELECT COMMITTEES.

## REGISTER'S ACCOUNTS.

| *First Branch.* | *Second Branch.* |
|---|---|
| Hull, T. Burling | Foster, J. Nelson |
| Terry, Thomas W. | Higgins, Edwin |
| Hoffman, Edmund M. | Hamilton, Thomas H. |

## COMMISSIONERS OF PUBLIC SCHOOL ACCOUNTS.

| *First Branch.* | *Second Branch.* |
|---|---|
| Wehage, John G. | Hamilton, Thomas H. |
| Streett, David | Howard, McHenry |
| Fowler, Edward H. | Weyler, J. F. |

## COMMISSIONERS OF FINANCE ACCOUNTS.

| *First Branch.* | *Second Branch.* |
|---|---|
| Klinefelter, Victor H. | Moran, Charles S. |
| Thornton, William E. | Ryan, Timothy |
| Bailey, W. C. | McClellan, James |

## COMPTROLLER'S ACCOUNTS.

| *First Branch.* | *Second Branch.* |
|---|---|
| Rogers, H. W. | Howard, McHenry |
| Maloney, Timothy | Mahon, J. J. |
| Hanway, Wm. A. | Higgins, Edwin |

## CITY COMMISSIONER'S AND HARBOR COMMISSION ACCOUNTS.

| *First Branch.* | *Second Branch.* |
|---|---|
| Counselman, L. W. | Ryan, Timothy |
| Glenn, Benj. | Weyler, John F. |
| Beck, Louis | Moran, Charles S. |

## WATER COMMISSIONERS' ACCOUNTS.

| *First Branch.* | *Second Branch.* |
|---|---|
| Rogers, Henry W. | McClellan James |
| Long, John | Howard, McHenry |
| Meers, John | Hamilton, Thomas H. |

## HEALTH COMMISSIONER'S ACCOUNTS.

| *First Branch.* | *Second Branch.* |
|---|---|
| Bankard, Henry N. | Higgins, Edwin |
| Cox, William H. | Ryan, Timothy |
| Hanway, William A. | Moran, Charles S. |

## COMMISSIONERS OF FIRE DEPARTMENT ACCOUNTS.

| *First Branch.* | *Second Branch.* |
|---|---|
| Streett, David | Mahon, J. J. |
| Bailey, W. C. | Foster, J. Nelson |
| Wehage, J. G. | Ryan, Timothy |

# ANNUAL REPORTS

OF THE

# REGISTER OF THE CITY

AND OF THE

# COMMISSIONERS OF FINANCE

TO THE

# MEMBERS OF THE FIRST AND SECOND BRANCHES

OF THE

# CITY COUNCIL,

*FOR THE FISCAL YEAR ENDING DECEMBER 31st, 1883.*

# REPORT OF

# JOHN A. ROBB,

REGISTER OF THE CITY.

# REGISTER'S REPORT.

OFFICE OF THE REGISTER OF THE CITY,

BALTIMORE, January 2, 1884.

*To the Honorable the Members of the*
*First and Second Branches of the City Council:*

GENTLEMEN:

In accordance with section 22 of article XI of the Baltimore City Code, the Register herewith presents "his account of all moneys received and expended by him during the past year;" a "statement of the estimated receipts and payments required for the coming year;" also, tables showing the funded and guaranteed debt of the city as of December 31, 1883; the productive and interest-bearing securities of the city; the unproductive securities; the condition of the sinking funds under his charge for the redemption of the five million loan to the Baltimore and Ohio Railroad Company, and for the redemption of the loan to the Western Maryland Railroad Company and bonds of the same, guaranteed by the city of Baltimore; and, also, the monthly returns of the "Keepers of the Standards of Weights and Measures," the latter required by ordinance No. 9 of 1881.

| | | |
|---|---|---|
| The cash balance in the Treasury at the close of the fiscal year December 31, 1882, was | | $ 227,609 68 |
| And the receipts during the year 1883, as exhibited in the tables marked D and E, were | | 9,103,315 09 |
| | | $9,330,924 77 |
| The disbursements during the same period were | | 9,034,932 29 |
| Leaving a balance in bank of | | $295,992 48 |

In statement herewith marked D will be found a summary of the entire receipts and disbursements. The following table has been made up from that statement showing the amount received from taxes and income from investments, the receipts not income proper, the disbursements which are expenses proper, and those which are not really chargeable to expense account:

RECEIPTS—INCOME PROPER.

| | | |
|---|---|---|
| From City Collector, levy of 1883 | $2,666,021 64 | |
| " City Collector, levies of previous years | 1,043,597 52 | $3,709,619 16 |
| " public schools, tuition fees and J. F. Plummer | | 46,573 58 |
| " market houses, rent of stalls | | 50,902 53 |
| " wharfage | | 38,253 33 |
| Carried forward | | $3,845,348 60 |

| | | |
|---|---|---|
| | Amount brought forward..... | $3,845,348 60 |
| From | general licenses..... | 40,542 85 |
| " | auction duties..... | 7,295 06 |
| " | sale of city property..... | 2,250 00 |
| " | Baltimore and Ohio Railroad Company dividend on stock..... | 325,000 00 |
| " | Health Department, sale of refuse and Quarantine Hospital..... | 9,946 42 |
| " | permits for sheds, signs, &c..... | 9,034 27 |
| " | aggregate of Sundry items..... | 15,455 00 |
| | | $4,254,872 20 |

RECEIPTS—NOT INCOME PROPER.

| | | |
|---|---|---|
| From | Baltimore and Ohio Railroad Company, and Five Million Loan Sinking Fund, to pay interest on Five Million Loan..... | 300,000 00 |
| " | Park Board, to pay interest on Park Stock and Patterson Park Extension Loan..... | 35,433 96 |
| " | Water Board, to pay interest on Water Loans..... | 459,296 66 |
| " | Western Maryland Railroad Company to pay interest on 1925 Loan 4 per cent..... | 17,460 00 |
| " | N. Rufus Gill..... | 9 00 |
| " | City Passenger Railway Companies for Park Sinking Fund..... | 13,606 74 |
| " | sales of Jones' Falls 5 per cent. 1900 Loan..... | 88,500 00 |
| | Carried forward..... | $5,169,178 56 |

| | |
|---|---|
| Amount brought forward..... | $5,169,178 56 |
| From sales of Paving 4 per cent. 1920 Loan and City Commissioner... | 290,590 59 |
| " Park Board Railway Companies.. | 90,111 14 |
| " Park Board..... | 3,037 91 |
| From sales of Patterson Park Extension Loan and Sheriff Hunter..... | 200,124 00 |
| " tax sales ..... | 4,979 16 |
| " Water Board ..... | 822,114 92 |
| " sales of 5 per ct. Water Loan 1922. | 500,000 00 |
| " temporary loans ..... | 702,700 00 |
| " tax on stock collected for State of Maryland | 26,723 11 |
| " Enoch Pratt, donation for free library..... | 833,333 33 |
| " sales of Western Maryland Railroad 4 per cent. 1925 Loan. | 144,100 00 |
| " opening streets, sales of material. | 3,185 00 |
| " " " City Collector.... | 35,679 12 |
| " paving streets and alleys ..... | 133,506 68 |
| " State of Maryland for schools.... | 143,893 70 |
| " Police Department, returned .... | 57 87 |
| | $9,103,315 09 |

DISBURSEMENTS—EXPENSES OF THE CITY GOVERNMENT.

| | |
|---|---|
| Interest on the public debt..... | $1,068,037 86 |
| Expenses of the courts..... | 110,507 47 |
| " " jail, registration, judgments and removed cases. | 94,856 15 |
| " " public schools, less amount paid by State of Maryland..... .... | 505,505 01 |
| Carried forward..... | $1,778,906 49 |

| | |
|---|---|
| Amount brought forward..... | $1,778,906 49 |
| Expenses of the city poor ..... | 181,689 59 |
| " " Harbor Commission... | 83,152 17 |
| " " Police Department.... | 607,801 91 |
| " " Health " .... | 190,711 82 |
| " " Department of cleaning streets..... | 229,994 48 |
| Fire Department..... | 184,868 12 |
| New building for the Insane at Bayview. | 9,800 41 |
| Public Schools, new school houses..... | 15,975 26 |
| " " repairs of buildings..... | 9,997 93 |
| " " cleaning cess pools..... | 1,497 50 |
| Department of Inspector of Buildings.. | 40,867 48 |
| Department of City Commissioner..... | 145,896 50 |
| Expenses of Parks and Squares, exclusive of Druid Hill and Patterson Park. | 54,141 78 |
| Department of Lamps, gas and electric lights..... | 220,261 51 |
| Salaries..... | 68,665 62 |
| Discount on taxes, interest on loans and paving notes..... | 102,880 69 |
| Lamplighters' salaries..... | 45,864 00 |
| Superintendent of City Hall, heating and general care of..... | 14,999 02 |
| Salaries of City Collector's Department. | 43,917 94 |
| State tax on city loans..... | 10,291 51 |
| City Council expenses..... | 52,487 11 |
| Opening streets and alleys, city's proportion of expenses..... | 58,785 61 |
| State and city elections..... | 11,950 03 |
| General Expenditures, being the aggregate of sundry items..... | 78,851 14 |
| Enoch Pratt Free Library..... | 12,500 00 |
| | $4,256,755 62 |

| | |
|---|---|
| Amount brought forward.. ..... | $4,256,755 62 |

DISBURSEMENTS—NOT EXPENSES PROPER.

| | |
|---|---|
| Interest on Five Million Loan for Baltimore and Ohio Railroad Company.... | $300,000 00 |
| Interest on Water Loan for Water Board. | 459,296 66 |
| " " Park Loans for Park Board.. | 35,433 96 |
| " " Western Maryland Railroad 1925 Loan for Western Maryland Railroad Company..... | 17,460 00 |
| Public Schools Tax from State of Maryland ..... | 143,893 70 |
| Park Sinking Fund from Passenger Railway Companies ..... | 13,606 74 |
| Improvement of Jones' Falls..... | 57,984 39 |
| " " Harford Run..... | 20,368 25 |
| Repaving streets from Paving Loan 1920. | 337,892 83 |
| Park Board..... | 86,638 43 |
| Extension of Patterson Park..... | 134,088 01 |
| Tax sales..... | 2,269 78 |
| Water Board..... | 812,226 13 |
| Permanent Water Supply..... | 2,800 00 |
| Water Loan 1922..... | 259,134 67 |
| Temporary loans..... | 906,354 82 |
| State tax on city loans ..... | 26,723 11 |
| Enoch Pratt Free Library Sinking Fund. | 833,333 33 |
| Western Maryland Railroad 1925 Loan.. | 144,100 00 |
| Opening streets and alleys..... | 62,611 50 |
| Paving streets and alleys..... | 121,902 49 |
| Police Department..... | 57 87 |
| | $9,034,932 29 |

The actual income of the city for the year was $4,254,872.20. As compared with the year 1882, this

is an increase of $357,005.06, derived from a closer collection of taxes in arrear and an increase in the levy of 1883. The expenses are $148,377.72 in excess of the year 1882.

ESTIMATES FOR THE CURRENT YEAR.

| | |
|---|---|
| As detailed in Statement B, the estimates for the current fiscal year amount to.. | $4,714,628 06 |
| And the receipts from taxes in arrear and other specified sources, as per Table C, to ..... | 1,610,559 00 |
| Leaving the amount to be levied..... | $3,104,069 06 |
| The estimates for the year 1883 were... | 3,172,518 21 |

FUNDED AND GUARANTEED DEBT.

| | | |
|---|---|---|
| The funded and guaranteed debt as of this date, is..... | $38,121,991 73 | |
| On December 31, 1882, it amounted to..... | 36,945,691 73 | |
| Increase during the year ..... | | $ 1,176,300 00 |
| This was caused by issue of certificates authorized by Ordinance No. 140, approved May 26, 1880, known as Paving Loan 1920—4 per cent..... | | 259,800 00 |
| Certificates of Jones' Falls Improvement Loan, 5 per cent., 1900..... | | 88,500 00 |
| Certificates as authorized by Ordinance No. 91, of 1882, for the completion of Lake Clifton, known as Water Loan 1922, 4 per cent..... | | 500,000 00 |
| Carried forward..... | | $848,300 00 |

| | |
|---|---|
| Amount brought forward..... | $848,300 00 |
| Certificates as authorized by Ordinance No. 120, of 1882, for the extension of Patterson Park..... | 200,000 00 |
| And Certificates for the Western Maryland Railroad 4 per cent. loan of 1925, authorized by Ordinance No. 71, of 1882..... | 131,000 00 |
| | $1,179,300 00 |
| From this amount must be deducted... | 3,000 00 |

being the amount of Water Loan 1875 redeemed during the year, leaving the net increase of funded debt as stated above, $1,176,300 00

The Western Maryland 4 per cent. 1925 loan was sold by public advertisement, realizing a premium of $13,100, which premium was paid over to the Commissioners of Finance, as required by ordinance. Two hundred thousand dollars of the paving 4 per cent. loan was sold, after public advertisement, to the Commissioners of Finance at a premium of $27,000; $59,800 of the same loan, $88,500 of Jones' Falls improvement 5 per cent. loan, $500,000 of water loan 1922, and $200,000 of the Patterson Park extension loan were taken by the Commissioners of Finance at par, agreeably to the provisions of ordinance No. 64, approved May 14, 1883.

| | |
|---|---|
| From the total funded and guaranteed debt | $38,121,991 73 |
| Deduct the productive assets | 32,539,339 56 |
| The net debt will be | 5,582,652 07 |
| Net debt 1883 | 5,872,714 05 |
| The amount of funded and guaranteed debt, the interest on which is paid by taxation, is | 13,453,186 82 |
| December 31, 1882, the amount was | 13,104,886 82 |

CITY HALL LOAN OF 1884.

This loan, by its expressed term, becomes due and payable on the first day of July next, it is therefore necessary for your honorable body to make proper provision for its prompt payment, and I would respectfully suggest that an ordinance be passed at an early day authorizing the Commissioners of Finance to dispose of so much of the securities of the city held in the general sinking fund as may be necessary for that purpose, and to make provision for the examination and cancellation of the certificates.

On the second day of July last, Mr. Enoch Pratt, a citizen of Baltimore donated to the city in cash $833,333,33, and also, on the same day, conveyed by deed the lot on Mulberry street, together with the fine building he had caused to be constructed thereon (of which the citizens may well be proud), for the purpose of establishing therein, and for all time, a library, free for the uses of the people of this city.

This amount was paid over to the Commissioners of Finance, as directed by ordinance No. 64 of 1883, and by them invested in the securities of the city.

WESTERN MARYLAND RAILROAD SINKING FUND.

The value of this sinking fund, held by the Register in trust for the redemption of the bonds of the Western Maryland Railroad Company, guaranteed by the city, and the loan to it, is now $224,491.97, an increase since last report of $10,380.50.

FIVE MILLION LOAN SINKING FUND.

This sinking fund, for the redemption of the loan by the city to the Baltimore and Ohio Railroad Company, remains at a fixed sum, $2,425,000, the increment of which, by terms of ordinance No. 63 of 1881, is applied to the payment of interest on said loan as it becomes due. The amount so applied during the year 1883 was $141,079.

I respectfully refer you to the report of the Commissioners of Finance for the condition of the various sinking funds under their charge and belonging to the city, and also to the accompanying tables:

Table A is a statement of the public debt of the city.

Table B is an estimate of requirements for the current fiscal year.

Table C is an estimate of receipts for the current fiscal year.

Table D is a detailed statement of the receipts and disbursements, and showing the appropriations for the various accounts.

Table E shows the aggregate monthly receipts and disbursements.

Table F shows the condition of the Five Million Loan sinking fund.

Table G shows the condition of Western Maryland Railroad sinking fund.

Table H shows the monthly returns from the "keepers of the standards of weights and measures."

Respectfully submitted,

JOHN A. ROBB,
*Register of the City.*

## STATEMENT A.

*Statement of the Funded Debt, December 31, 1883.*

| Loan. | Rate. | When Payable. | Amount. |
|---|---|---|---|
| Consolidated | 5 per cent. | At pleasure after the year 1885 | $1,029,061 54 |
| " | 6 " | " July 1, 1890 | 7,306,546 22 |
| Public Park | 6 " | " Sept. 1, 1890 | 555,566 25 |
| Exempt | 6 " | " " 1, 1893 | 410,353 87 |
| Water | 6 " | " July 1, 1894 | 263,000 00 |
| " | 5 " | " " 1, 1894 | 3,737,000 00 |
| " | 4 " | " Nov. 1, 1922 | 500,000 00 |
| Funding | 6 " | " July 1, 1900 | 800,000 00 |
| " | 5 " | " " 1, 1916 | 1,000,000 00 |
| Water | 5 " | " " 1, 1916 | 5,000,000 00 |
| Harford Run Improvement | 4 " | " Jan. 1, 1920 | 250,000 00 |
| Paving Loan | 4 " | " Nov. 1, 1920 | 404,800 00 |
| City Hall | 6 " | July 1, 1884 | 1,000,000 00 |
| One Million | 6 " | January 1, 1886 | 1,000,000 00 |
| Valley Railroad | 6 " | October 31, 1886 | 1,015,300 00 |
| Five Million | 6 " | January 1, 1890 | 5,000,000 00 |
| Consolidated | 6 " | September 1, 1893 | 2,211,068 05 |
| Park Improvem't. | 6 " | January 1, 1895 | 185,723 80 |
| City Hall | 6 " | April 15, 1900 | 1,000,000 00 |
| Jones' Falls | 6 " | " 9, 1900 | 800,000 00 |
| " | 5 " | " 9, 1900 | 957,000 00 |
| W. Md. Railroad. | 6 " | January 1, 1902 | 1,000,000 00 |
| City Hall | 6 " | March 7, 1902 | 500,000 00 |
| W. Md. Railroad. | 4 " | July 1, 1925 | 502,000 00 |
| Patterson P'k Ex. | 4 " | October 1, 1920 | 200,000 00 |
| Water | 6 " | No interest allowed | 1,840 00 |
| Overdue Stock | 6 " | " " | 732 00 |
| | | Total Funded Debt | $36,629,991 73 |

GUARANTEED DEBT.

| | | | |
|---|---|---|---|
| Endorsement for W. Md. R. R. Co., 1st mtge. | $ 200,000 00 | | |
| " " " 2d " | 300,000 00 | | |
| " " " 3d " | 875,000 00 | | |
| " Union R. R. Co., 1st " | 117,000 00 | | |
| | | 1,492,000 00 | |
| Total Funded and Guaranteed Debt | | | $38,121,991 73 |
| *From which deduct—* | | | |
| Water Loans of 1894, 1916 and 1922, the interest on which is paid by revenue from water rents | $9,500,000 00 | | |
| Park Loans, interest paid by City Passenger Railway Companies | 755,566 25 | | |
| Western Maryland Railroad 1925 Four Per Cent. Loan, interest paid by W. Md. R. R. Co. | 502,000 00 | | |
| Cash in bank for the redemption of the Water six per cent. stock of 1875 | 1,840 00 | | |
| | | 10,759,406 25 | |
| Amount carried forward | | | $27,362,585 48 |

| | | | |
|---|---|---|---|
| Amount brought forward..... | | | $27,362,585 48 |
| *And the following productive and interest bearing assets:* | | | |
| Mortgage on Baltimore and Ohio R. R. Co... | | $5,000,000 00 | |
| " Union R. R. Co..... | | 117,000 00 | |
| " Western Maryland R. R. Co .. | | 200,000 00 | |
| 32 500 shares of Baltimore and Ohio Railroad Company Stock, at $190..... | | 6,175,000 00 | |
| Value of Sinking Funds..... | | 8,690,448 41 | |
| 550 shares Baltimore and Reisterstown Turnpike Company Stock, valued at..... | | 1,500 00 | |
| 137 shares Baltimore and Frederick Turnpike Company Stock, valued at..... | | 206 00 | |
| Market houses, producing a yearly rental of..... | $50,000 00 | | |
| Improved wharf property, producing a yearly rental of..... | 38,000 00 | | |
| Other real estate, producing a yearly rental of..... | 7,746 76 | | |
| | $95,746 76 | | |
| Capitalized at 6 per cent..... | | 1,595,779 00 | |
| | | | 21,779,933 41 |
| | | | $5,582,652 07 |
| *The following unproductive assets:* | | | |
| Second Mortgage on W. Md. R. R. Company. ..... | $300,000 00 | | |
| Interest thereon to Jan. 1884... | 270,000 00 | | |
| | | $570,000 00 | |
| Third Mortgage on W. Md. R. R. Company..... | $875,000 00 | | |
| Interest thereon to Jan. 1, 1884. | 682,500 00 | | |
| | | 1,557,500 00 | |
| Fourth Mortgage on W. Md. R. R. Company..... | $1,000,000 00 | | |
| Interest thereon to Jan. 1, 1884. | 690,000 00 | | |
| | | 1,690,000 00 | |
| 10,000 shares Valley R. R. Stock, par $100... | | 1,000,000 00 | |
| 4,000 shares W. Md. " " " 50... | | 200,000 00 | |
| 7,600 shares Baltimore and Susquehanna Tidewater Canal Stock, par $50..... | | 380,000 00 | |
| 1,067 shares Baltimore and Hall Springs Railway Company Stock, par $20. ..... | | 21,340 00 | |
| 625 shares Baltimore and Yorktown Turnpike Company Stock..... | | | |
| 130 shares Baltimore and Havre de Grace Turnpike Stock..... | | | |
| *Besides other property, such as—* | | | |
| Court Houses, Record Office, City Hall, Jail, Police Stations, Fire Engine Houses and Apparatus, School Houses, Almshouse, Ice Boats, Marine Hospital Grounds, Public Parks, etc..... | | 10,000,000 00 | |
| | | | $15,418,840 00 |

APPENDIX TO STATEMENT A.

| | | |
|---|---|---|
| From the total Funded and Guaranteed Debt | | $38,121,991 73 |
| Deduct the following: | | |
| Overdue Water Stock, no interest allowed... | $1,840 00 | |
| Overdue Stock, no interest allowed..... | 732 00 | |
| And the following, the interest being provided for: | | |
| By Baltimore and Ohio Railroad Company on..... | 5,000,000 00 | |
| " dividend on Baltimore and Ohio Railroad Company, being the interest on..... | 5 416,666 66 | |
| " Western Maryland Railroad Company, interest on first mortgage..... | 200,000 00 | |
| " City Passenger Railway Companies, on.. | 755.566 25 | |
| " Water Board from rents, on..... | 9,500,000 00 | |
| " Union Railroad Company, on..... | 117,000 00 | |
| " Commissioners of Finance, for interest on One Million Loan..... | 1,000,000 00 | |
| " Commissioners of Finance, interest on Western Maryland Railroad Loan.... | 1,000,000 00 | |
| " Commissioners of Finance, interest on Western Maryland Railroad Bonds, guaranteed by city..... | 1,175,000 00 | |
| " Western Maryland Railroad Company, interest on Western Maryland Railroad 4 per cent. 1925 Loan..... | 502,000 00 | |
| | | $24,668,804 91 |
| Leaving the amount on which interest is paid by taxation at..... | | $13,453,186 82 |

viz:

| | | | |
|---|---|---|---|
| $2,986,061 54 | interest, at | 5 | per cent. |
| 654,800 00 | " | 4 | " |
| 9,812,325 28 | " | 6 | " |
| $13,453,186 82 | | | |

## STATEMENT B.

The following statement exhibits the present liabilities and the estimated expenses of the city to be provided for in the levy for the year 1884:

EXISTING CLAIMS.

| | | |
|---|---|---|
| Temporary loans from banks, &c. | $195,700 00 | |
| Balance due Water Board. | 26,349 24 | |
| " " Park Board.. | 7,115 72 | |
| " " Jones' Falls, improvement account.. | 33,070 50 | |
| Balance due Harford Run, improvement account.. | 32,575 91 | |
| Balance due Paving loan account. | 115,476 30 | |
| Balance due Extension of Patterson Park account. | 66,035 99 | |
| Balance due Permanent Water Supply account.. | 3,834 92 | |
| Balance due Water loan, 1922, account. | 240,865 33 | |
| Paving Certificates maturing during the year.... | 13,705 88 | |
| | | $734,729 79 |
| *Accrued Interest on Public Debt to December 31, payable January 1, 1884.* | | |
| On Five Million loan, 1890. | $75,000 00 | |
| On Consolidated loan, 1890 | 109,597 54 | |
| Amounts carried forward. | $184,597 54 | $734,729 79 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward | $184,597 54 | $734,729 79 |
| On City Hall loan, 1884.. | 15,000 00 | |
| " " " " 1900.. | 15,000 00 | |
| " " " " 1902.. | 7,500 00 | |
| " Funding " 1900.. | 12,000 00 | |
| " Consolidated loan, 1885..... | 12,863 27 | |
| On Valley Railroad loan, 1886..... | 15,229 50 | |
| On Park Improvement loan, 1895..... | 2,785 86 | |
| On Western Maryland Railroad loan, 1925.... | 10,040 00 | |
| On Harford Run improvement loan, 1920..... | 5,000 00 | |
| | | 280,016 17 |
| | | $1,014,745 96 |
| Less cash in bank..... | $295,992 48 | |
| " amount due for repaving streets ..... | 180,500 00 | |
| | | 476,492 48 |
| | | $538,253 48 |
| Taxes uncollected for the year 1883..... | $1,044,608 97 | |
| Taxes uncollected previous years ..... | 346,715 57 | |
| | $1,391,324 54 | |
| Amount carried forward.. | | $538,253 48 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amount brought forward . | | $538,253 48 |

*Estimated Requirements for the Fiscal year ending December* 31, 1884.

HEALTH DEPARTMENT.

| | | |
|---|---|---|
| General health..... | $20,000 00 | |
| " " balance ... | 6,794 36 | |
| Nuisance and sewers..... | 10,000 00 | |
| " " balance. | 341 69 | |
| Salaries..... ..... | 32,585 00 | |
| " balance..... | 237 49 | |
| Post mortems..... | 600 00 | |
| Quarantine Hospital..... | 20,000 00 | |
| " " balance. | 53 95 | |
| Vaccine Physicians..... | 6,400 00 | |
| | | 97,012 49 |

DEPARTMENT OF STREET CLEANING.

| | | |
|---|---|---|
| 124 garbage men and carts at $18 per week. | $116,064 00 | |
| 55 street men and carts at $18 per week..... | 51,480 00 | |
| 120 sweepers and scrapers..... ..... ..... | 62,400 00 | |
| Salaries..... ..... | 9,200 00 | |
| Contract for removal of garbage..... ..... | 6,375 00 | |
| Dumps..... | 4,500 00 | |
| Tools and incidentals.... | 1,700 00 | |
| | | 251,719 00 |
| Amount carried forward.. | | $886,984 97 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amount brought forward. | | $886,984 97 |
| POLICE DEPARTMENT. | | |
| Salaries of officers and men | | 608,000 00 |
| INSPECTOR OF BUILDINGS DEPARTMENT. | | |
| Completion of Insane Asylum at Bayview | $31,000 00 | |
| Completion of Quarantine Hospital | 1,500 00 | |
| Completion of Public school No. 11 | 15,220 00 | |
| Cleaning cess pools—public schools | 2,000 00 | |
| Repairs of public school houses | 9,000 00 | |
| Repairs of engine houses. | 4,500 00 | |
| " " market " | 2,800 00 | |
| " " court " | 1,500 00 | |
| " " City Hall | 4,500 00 | |
| " " City Jail | 2,800 00 | |
| " " monuments | 400 00 | |
| Salaries | 5,500 00 | |
| Incidentals | 550 00 | |
| | | 81,270 00 |
| DEPARTMENT CITY COMMISSIONER. | | |
| Repairs of paved streets. | $75,000 00 | |
| " " bridges | 10,000 00 | |
| " " sewers and inlets | 10,000 00 | |
| Amounts carried forward. | $95,000 00 | $1,576,254 97 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $95,000 00 | $1,576,254 97 |
| Repairs of unpaved str'ts. | 3,000 00 | |
| Flag and stepping-stones. | 10,000 00 | |
| Paving in front of city property | 1,000 00 | |
| Paving and repaving cross streets | 20,000 00 | |
| Salaries | 9,000 00 | |
| Livery of horses | 700 00 | |
| Light-street bridge | 1,500 00 | |
| Raising grade of Fulton avenue, Baker Circle, &c | 6,920 00 | |
| Incidentals | 50 00 | |
| | | 147,170 00 |

FIRE DEPARTMENT.

| | | |
|---|---|---|
| Salaries | $123,600 00 | |
| Apparatus and repairs | 27,100 00 | |
| Accidents | 2,000 00 | |
| Feed | 10,000 00 | |
| Fuel | 2,500 00 | |
| Furniture | 1,000 00 | |
| Harness | 3,000 00 | |
| Horse-shoeing | 1,300 00 | |
| Sucking sleeves | 1,500 00 | |
| Horses | 3,000 00 | |
| Ground rents | 888 26 | |
| Gas light | 1,500 00 | |
| Amounts carried forward. | $177,388 26 | $1,723,424 97 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $177,388 26 | $1,723,424 97 |
| Oils, grease, &c. | 1,200 00 | |
| Office expenses | 1,000 00 | |
| Miscellaneous | 1,500 00 | |
| Washing | 1,400 00 | |
| Insurance | 1,737 60 | |
| Fire alarm telegraph | 13,500 00 | |
| | | 197,725 86 |
| CITY POOR. | | |
| Bayview Asylum | $70,000 00 | |
| Transportation of poor | 1,000 00 | |
| Dispensaries | 5,200 00 | |
| St. Mary's Industrial School | 20,000 00 | |
| Mount Hope Retreat | 28,000 00 | |
| Maryland Hospital for the Insane | 28,000 00 | |
| Washington University Hospital | 4,500 00 | |
| University of Maryland | 4,500 00 | |
| Deaf and Dumb at Frederick | 500 00 | |
| Widows and orphans, war 1812 | 300 00 | |
| Old Defenders, war 1812. | 300 00 | |
| House of Refuge | 20,000 00 | |
| " " Reformation for Colored Children | 10,000 00 | |
| Female House of Refuge. | 2,000 00 | |
| St. Vincent's Infant Asylum, balance | 125 00 | |
| Amounts carried forward. | $194,425 00 | $1,921,150 83 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $194,425 00 | $1,921,150 83 |
| St. Elizabeth's Colored Orphan Asylum, balance.. | 375 00 | |
| | | 194,800 00 |

GENERAL SUPERINTENDENT OF LAMPS.

| | | |
|---|---|---|
| Gas and electric lights for streets and market houses, halls, bridges and squares..... | $210,737 00 | |
| Lamp-pillars and lamps.. | 22,000 00 | |
| Livery of horse..... | 300 00 | |
| | | 233,037 00 |

GENERAL EXPENDITURES.

| | | |
|---|---|---|
| City Council, salaries of members and expenses. | $54,000 00 | |
| General expense..... | 2,500 00 | |
| Masonic Hall..... | 3,224 00 | |
| Court house..... | 4,500 00 | |
| Federal Hill Park..... | 1,000 00 | |
| Riverside Park..... | 6,000 00 | |
| Harlem " ..... | 2,000 00 | |
| Johnston Square..... | 1,000 00 | |
| Madison " ..... | 1,400 00 | |
| Eastern fountain..... | 1,400 00 | |
| Franklin Square..... | 1,400 00 | |
| Union " ..... | 1,400 00 | |
| Perkins' Spring Square... | 4,000 00 | |
| Park Place..... | 500 00 | |
| Taney " ..... | 250 00 | |
| Amounts carried forward. | $84,574 00 | $2,348,987 83 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $84,574 00 | $2,348,987 83 |
| Lafayette Square..... | 1,400 00 | |
| Jackson " ..... | 500 00 | |
| Mount Vernon Square.... | 1,000 00 | |
| Triangle at Boundary avenue and Oliver street, approved 1883..... | 125 00 | |
| Broadway Squares, first division..... | 1,500 00 | |
| Broadway Squares, second division..... | 1,500 00 | |
| Eutaw Squares, first division..... | 1,000 00 | |
| Eutaw Squares, second division..... | 1,500 00 | |
| Ashland Square,..... | 100 00 | |
| Salaries..... | 69,000 00 | |
| City Library..... | 7,500 00 | |
| Public Printing..... | 5,000 00 | |
| Transportation to House of Correction..... | 200 00 | |
| Discount on tax bills and interest on loans ..... | 102,000 00 | |
| Mayoralty. ..... | 2,500 00 | |
| Commissioners for Opening Streets..... | 150 00 | |
| Supervisors of Elections.. | 2,500 00 | |
| Lamp-lighters..... | 46,000 00 | |
| City property, ground rents..... | 3,800 00 | |
| Winding clock at Maryland Institute..... | 75 00 | |
| Amounts carried forward. | $331,924 00 | $2,348,987 83 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $331,924 00 | $2,348,987 83 |
| Insurance of Bayview Asylum | 855 00 | |
| City Collector, salaries | 44,000 00 | |
| Insurance of Quarantine Hospital | 400 00 | |
| Painting Council chambers, resolution No. 2 | 1,000 00 | |
| Appeal Tax Court | 450 00 | |
| General licenses | 1,600 00 | |
| Refunded taxes | 4,500 00 | |
| State tax on city loans | 11,500 00 | |
| Elections | 12,500 00 | |
| Dog pound | 1,200 00 | |
| Ringing Mechanics' bell | 300 00 | |
| Iceboat Maryland | 10,000 00 | |
| Maryland Institute School of Design | 3,000 00 | |
| Portrait of Mayor Whyte, approved 1883 | 300 00 | |
| | | 423,529 00 |
| ENOCH PRATT FREE LIBRARY. | | |
| Required by ordinance No. 64, 1883 | | 50,000 00 |
| HARBOR BOARD. | | |
| Improvement of harbor | 80,000 00 | |
| Building bulkhead City dock | 10,000 00 | |
| General repairs of wharves | 5,000 00 | |
| Amounts carried forward | $95,000 00 | $2,822,516 83 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $95,000 00 | $2,822,516 83 |
| Maintenance of iceboat Latrobe | 10,000 00 | |
| | | 105,000 00 |

PUBLIC SCHOOLS.

| | | |
|---|---|---|
| Salaries of teachers, &c... | $480,000 00 | |
| Rents and ground rents... | 29,000 00 | |
| Books and stationery .... | 39,000 00 | |
| Heating apparatus and its repairs | 10,500 00 | |
| Furniture | 7,000 00 | |
| Fuel | 18,500 00 | |
| Repairs and cleaning..... | 6,000 00 | |
| Incidentals, printing, &c. | 10,000 00 | |
| Evening schools | 5,000 00 | |
| Colored schools | 70,000 00 | |
| Manual Training School, ord. 106, 1883 | 10,000 00 | |
| | | 685,000 00 |

SUPERINTENDENT OF CITY HALL.

| | | |
|---|---|---|
| Gas | 5,000 00 | |
| Cleaning building | 5,280 00 | |
| Coal and wood | 2,720 00 | |
| Repairs to furniture and gas fixtures | 900 00 | |
| Winding fire-alarm striker and town clock, and repairs to wires, batteries, &c | 500 00 | |
| Ice | 550 00 | |
| Amounts carried forward. | $14,950 00 | $3,612,516 83 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $14,950 00 | $3,612,516 83 |
| New furniture..... | 500 00 | |
| Brushes, brooms, buckets, dusters, mats, &c..... | 400 00 | |
| Incidental expenses..... | 250 00 | |
| Removing ashes and dirt. | 200 00 | |
| Cleaning carpets, mats, &c. | 350 00 | |
| Labor..... | 720 00 | |
| New carpet for office of Bayview Asylum..... | 63 00 | |
| New carpet for office of Health Commissioner.. | 85 50 | |
| New oilcloth for office of Police Board..... | 76 00 | |
| New carpet for office of Police Board secretary. | 100 00 | |
| New carpet for office of Police Board, private... | 112 00 | |
| New carpet for office of Fire Marshal..... | 87 00 | |
| New carpet for office of Commissioner of Street Cleaning..... | 55 00 | |
| New carpet for office of Superintendent of Fire Alarm Telegraph..... | 93 00 | |
| New carpet for office of Commissioner for Opening Streets..... | 79 50 | |
| New oilcloth for office of City Commissioner.... | 63 00 | |
| Amounts carried forward. | $18,184 00 | $3,612,516 83 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $18,184 00 | $3,612,516 83 |
| New oilcloth for office of Water Board..... | 170 00 | |
| New oilcloth for office of Water Board cashiers.. | 18 75 | |
| New oilcloth for office of bailiffs .... .... ..... | 63 00 | |
| New oilcloth for office of McDonogh Board..... | 60 00 | |
| New oilcloth for book-keepers' room, Tax Department..... | 60 00 | |
| Taking down drapery in both Branches of City Council, cleaning and replacing and cleaning and relaying carpets... | 170 00 | |
| 1 gross cuspidors..... | 110 00 | |
| ½ " rubber spittoons, No. 1..... | 96 00 | |
| 100 window shades..... | 100 00 | |
| Cleaning and repairing furniture in City Council chambers, covering desks, &c..... | 400 00 | |
| | | 19,431 75 |

MISCELLANEOUS STOCKS.

| | | |
|---|---|---|
| Nine months' interest on Consolidated, 5 per cent., 1885 ..... | $38,589 78 | |
| Amounts carried forward. | $38,589 78 | $3,631,948 58 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $38,589 78 | $3,631,948 58 |
| Nine months' interest on Consolidated, 6 per cent., 1890 | 328,795 22 | |
| Nine months' interest on Funding, 6 per cent., 1900 | 36,000 00 | |
| Six months' interest on Harford Run, 4 per cent., 1920 | 5,000 00 | |
| Nine months' interest on City Hall, 6 per cent., 1884 | 15,000 00 | |
| Nine months' interest on City Hall, 6 per cent., 1900 | 45,000 00 | |
| Nine months' interest on City Hall, 6 per cent., 1902 | 22,500 00 | |
| Nine months' interest on Valley Railroad, 6 per cent., 1886 | 45,688 50 | |
| Nine months' interest on Five Million, 6 per cent., 1890 | 225,000 00 | |
| Nine months' interest on Park Improvement, 6 per cent., 1895 | 8,357 52 | |
| Six months' interest on Western Maryland, 4 per cent., 1925 | 12,340 00 | |
| Amounts carried forward. | $782,271 02 | $3,631,948 58 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amount brought forward. | $782,271 02 | $3,631,948 58 |
| One years' interest on Public Park, 6 per cent., 1890. | 33,333 96 | |
| One years' interest on exempt, 6 per cent., 1893. | 24,621 24 | |
| One years' interest on Water, 6 per cent., 1894. | 15,780 00 | |
| One years' interest on Water, 5 per cent., 1894. | 186,850 00 | |
| One years' interest on Water, 4 per cent., 1922. | 20,000 00 | |
| One years' interest on Funding, 5 per cent., 1916 | 50,000 00 | |
| One years' interest on Water, 5 per cent., 1916. | 250,000 00 | |
| One years' interest on 4 per cent. Paving loan, 1920. | 16,192 00 | |
| One years' interest on 6 per cent. one million loan, 1886 | 60,000 00 | |
| One years' interest on 6 per cent. Consolidated loan, 1893 | 132,664 08 | |
| One years' interest on 6 per cent. Jones' Falls loan, 1900 | 48,000 00 | |
| One years' interest on 5 per cent. Jones' Falls loan, 1900 | 47,850 00 | |
| Amount carried forward.. | $1,667,562 30 | |

STATEMENT B—Continued.

| | | | |
|---|---|---|---|
| Amount brought forward. | | $1,667,562 30 | $3,631,948 58 |
| One years' interest on 6 per cent. Western Maryland Railroad loan, 1902 | | 60,000 00 | |
| One years' interest on 4 per cent. Patterson Park Extension loan, 1920... | | 8,000 00 | |
| One years' interest on Western Maryland 6 per cent. second mortgage guaranteed bonds..... | | 18,000 00 | |
| One years' interest on Western Maryland 6 per cent. third mortgage guaranteed bonds..... | | 52,500 00 | |
| | | $1,806,062 30 | |
| Less: | | | |
| Interest paid by Balto. & Ohio R. R. Co..... | $300,000 00 | | |
| Interest paid by Commissioners of Finance... | 190,500 00 | | |
| Interest paid by Water Board..... | 472,630 00 | | |
| Interest paid by Park Board..... | 41,333 96 | | |
| Am'ts carr'd. | $1,004,463 96 | $1,806,062 30 | $3,631,948 58 |

STATEMENT B—Continued.

| | | | |
|---|---|---|---|
| Am'ts br'ht. | $1,004,463 96 | $1,806,062 30 | $3,631,948 58 |
| Interest paid Western Md. R. R. Co..... | 22,380 00 | | |
| | | 1,026,843 96 | |
| | | | 779,218 34 |

CERTAIN EXPENSES.

| | | |
|---|---|---|
| Baltimore City Court.... | $12,000 00 | |
| Court of Common Pleas.. | 14,000 00 | |
| Superior Court..... | 13,000 00 | |
| Circuit Court..... | 5,000 00 | |
| Orphans' Court..... | 8,000 00 | |
| Supreme Bench..... | 2,650 00 | |
| Coroners..... | 2,400 00 | |
| Judgments and suits..... | 17,000 00 | |
| Jail..... | 60,000 00 | |
| Magistrates..... | 13,000 00 | |
| Removed cases..... | 5,000 00 | |
| Registration..... | 15,000 00 | |
| Criminal Court..... | 67,000 00 | |
| | | 234,050 00 |

OPENING AND WIDENING STREETS.

| | | |
|---|---|---|
| McKim street, balance of appropriation. | $208 65 | |
| Patterson Park avenue, balance of appropriat'n. | 4,546 50 | |
| Amount carried forward.. | $4,755 15 | $4,645,216 92 |

STATEMENT B—Concluded.

| | | |
|---|---|---|
| Amount brought forward. | $ 4,755 15 | $4,645,216 92 |
| Race street, balance of appropriation..... | 1,286 25 | |
| Carey street, balance of appropriation..... | 10,819 26 | |
| Covington street, balance of appropriation..... | 2,125 98 | |
| Tennant street, city's proportion..... | 8,488 23 | |
| Holbrook street, city's proportion..... | 2,506 30 | |
| Mosher street, city's proportion..... | 7,369 13 | |
| Barclay street, city's proportion..... | 2,390 50 | |
| Biddle street, city's proportion..... | 3,634 36 | |
| 20-foot alley, city's proportion..... | 1,259 04 | |
| Biddle street, city's proportion..... | 3,741 71 | |
| Federal street, city's proportion..... | 5,718 94 | |
| Gold street, city's proportion ..... ..... | 15,316 29 | |
| | | 69,411 14 |
| | | $4,714,628 06 |

## STATEMENT C.

Estimated Receipts from Taxes in arrear and other specified sources of Revenue for the fiscal year ending December 31, 1884.

| | |
|---|---|
| Overdue taxes, estimated collections during the year | $900,000 |
| Interest on overdue taxes | 46,000 |
| Baltimore and Ohio Railroad, dividend on stock | 325,000 |
| Public schools, from State and tuition fees | 190,000 |
| Rent of market stalls, net | 46,000 |
| Rent of public wharves, net | 29,000 |
| General licenses | 39,000 |
| Fines from Sheriff | 1,000 |
| Jail visitors | 2,600 |
| Magistrates fines | 1,100 |
| Bayview Asylum | 1,500 |
| Sale of refuse from streets | 3,500 |
| Quarantine Hospital | 6,000 |
| Permits for sheds, signs, etc | 9,000 |
| Vaults and areas | 800 |
| Inspector and Sealer of Gas Meters | 1,800 |
| City seal | 600 |
| Auction duties | 7,200 |
| Turnpike dividends | 159 |
| Fire Marshal | 300 |
| | $1,610,559 |

## STATEMENT D.

| NAMES OF ACCOUNTS. | FACE OF LEDGER. DR. | FACE OF LEDGER. CR. | Appropr'at'ns. | Received from Collector of Taxes. | Received from other sources. |
|---|---|---|---|---|---|
| Baltimore City Court | $11,924 94 | $13,000 00 | $13,000 00 | | |
| Court of Common Pleas | 11,369 13 | 11,200 00 | 11,200 00 | | |
| Superior Court | 10,740 60 | 10,750 48 | 10,750 48 | | |
| Circuit Court | 4,369 95 | 4,369 95 | 4,369 95 | | |
| Orphans' Court | 7,709 25 | 8,100 00 | 8,100 00 | | |
| Supreme Bench | 2,650 00 | 2,650 00 | 2,650 00 | | |
| Coroners | 2,400 00 | 2,400 00 | 2,400 00 | | |
| Fines | | 1,022 52 | | | 1,022 52 |
| Judgments and Suits | 15,323 29 | 20,002 05 | 20,000 00 | | 2 05 |
| Jail | 49,999 84 | 52,659 00 | 50,000 00 | | 2,659 00 |
| Magistrates | 12,999 00 | 14,166 00 | 13,000 00 | | 1,166 00 |
| Removed Cases | 2,384 80 | 5,000 00 | 5,000 00 | | |
| Registration | 11,749 22 | 14,224 10 | 14,224 10 | | |
| Certain Expenses | | 200,305 37 | | 200,305 37 | |
| Criminal Court | 61,743 60 | 61,745 00 | 61,620 00 | | 125 00 |
| *Schools.* | | | | | |
| Public Schools | 584,080 07 | 1,245 955 83 | } 649,401 93 { | 425,628 10 | 170,925 80 |
| Colored Schools | 65,318 64 | 19,541 48 | } 649,401 93 { | | 19,541 48 |
| City Poor | | 186,356 08 | | 186,356 08 | |
| Bayview | 59,677 65 | 61,488 63 | $60,000 00 | | 1,488 63 |
| Transportation of Poor | 923 61 | 1,003 80 | 1,000 00 | | 3 80 |
| Dispensaries | 5,200 00 | 5,200 00 | 5,200 00 | | |
| St. Mary's Industrial School | 22,101 75 | 22,101 75 | 22,101 75 | | |

| | | | | | |
|---|---|---|---|---|---|
| Mt. Hope Retreat | 22,305 43 | 22,305 43 | 22,305 43 | | |
| Maryland Hospital for the Insane | 22,511 82 | 26,025 83 | 26,025 83 | | |
| Washington University Hospital | 4,231 96 | 4,500 00 | 4,500 00 | | |
| University of Maryland Hospital | 4,236 13 | 4,500 00 | 4,500 00 | | |
| Deaf and Dumb at Frederick | 441 56 | 500 00 | 500 00 | | |
| Widows and Orphans, War 1812 | 300 00 | 300 00 | 300 00 | | |
| Old Defenders, War 1812 | 300 00 | 300 00 | 300 00 | | |
| House of Refuge | 17,776 68 | 21,367 50 | 21,367 50 | | |
| House of Reformation for Colored Children | 12,436 00 | 12,436 00 | 12,436 00 | | |
| Home of the Friendless | 1,500 00 | 1,500 00 | 1,500 00 | | |
| Female House of Refuge | 2,000 00 | 2,000 00 | 2,000 00 | | |
| St. Vincent's Infant Asylum | 1,375 00 | 1,500 00 | 1,500 00 | | |
| Nursery and Child's Hospital | 1,497 00 | 1,500 00 | 1,500 00 | | |
| Boy's Home Society | 2,500 00 | 2,500 00 | 2,500 00 | | |
| St. Elizabeth's Colored Orphan Asylum | 375 00 | 750 00 | 750 00 | | |
| Park Sinking Fund | 13,606 74 | 13,606 74 | | | 13,606 74 |
| Harbor Commission | 50,908 80 | 50,962 77 | 50,962 77 | | |
| Iceboat F. C. Latrobe | 9,987 51 | 10,112 75 | 10,000 00 | | 112 75 |
| Repairs of Wharves | 3,394 90 | 4,000 00 | 4,000 00 | | |
| Repairs of City Dock | 8 861 03 | 9 250 31 | 9,250 31 | | |
| Widening Channel of Spring Garden | 9,999 93 | 10,000 00 | 10,000 00 | | |
| Police Department | 607,859 78 | 1,188,494 24 | 608,766 57 | 579,669 80 | 57 87 |
| *Health Department.* | | | | | |
| Cleaning Streets | 229,994 48 | 230,000 00 | 230 000 00 | | |
| Quarantine Hospital | 25,800 12 | 32,120 89 | 25,854 07 | | 6,266 82 |
| Refuse | | 3,514 60 | | | 3,514 60 |
| Nuisances and Sewers | 6 897 03 | 7,238 72 | 7 238 72 | | |
| Post Mortems | 600 00 | 600 00 | 600 00 | | |
| Amounts carried forward | $2,004,362 21 | $3,625,127 82 | $2,012,675 41 | $1,391,959 35 | $220,493 06 |

## STATEMENT D—Continued.

| NAMES OF ACCOUNTS. | FACE OF LEDGER. DR. | FACE OF LEDGER. CR. | Appropriati'ns. | Received from Collector of Taxes. | Received from other Sources. |
|---|---|---|---|---|---|
| Amounts brought forward | $2,004,362 24 | $3,625,127 82 | $2,012.675 41 | $ 1,391,959 35 | $220,493 06 |
| Health | 157,414 67 | 164,611 52 | 164,446 52 | | 165 00 |
| *Fire Department.* | | | | | |
| Salaries and Incidentals | 184,868 12 | 185,991 84 | 185,662 20 | | 329 64 |
| *Inspector of Buildings.* | | | | | |
| Building Addition to Bayview | 9,800 41 | 10,000 00 | 10,000 00 | | |
| Building Quarantine Hospital | 11,052 80 | 13,000 00 | 13,000 00 | | |
| Building Male and Female Grammar School No. 11 | 9,429 26 | 12,400 00 | 12,400 00 | | |
| Building Male and Female Primary School No. 14 | 6,546 00 | 6,546 00 | 6,546 00 | | |
| Iron Railings on Front Portico of City Hall | 1,150 00 | 1,360 00 | 1,360 00 | | |
| Inspector of Buildings, Salaries and Incidentals | 5,735 99 | 5,833 34 | 5,833 34 | | |
| Permits for Sheds, Signs, Etc | 1,345 31 | 9,034 27 | | | 9,034 27 |
| Repairs of School Houses | 9,997 93 | 10,000 00 | 10,000 00 | | |
| Repairs of Market Houses | 2,878 07 | 3,250 00 | 3,250 00 | | |
| Repairs of City Hall | 4,394 61 | 4,500 00 | 4,500 00 | | |
| Repairs of Engine Houses | 5,464 41 | 5,500 00 | 5,500 00 | | |
| Repairs of Court Houses | 1,257 02 | 1,800 00 | 1,800 00 | | |
| Repairs of City Jail | 1,597 15 | 1,600 00 | 1,600 00 | | |
| Repairs of Monuments | 779 50 | 800 00 | 800 00 | | |
| Cleaning Cess Pools of Public Schools | 1,497 50 | 2,000 00 | 2,000 00 | | |

| | | | | | |
|---|---|---|---|---|---|
| Building Temporary Pest Hospitals | 5,212 62 | 5,212 60 | 5,212 60 | | |
| *City Commissioner's Department.* | | | | | |
| Salaries and Incidentals | 9,723 00 | 9,750 00 | 9,750 00 | | |
| Repairs of Paved Streets | 73,996 94 | 74,531 63 | 74,000 00 | | 531 63 |
| Repairs of Unpaved Streets | 1,337 23 | 1,700 00 | 1,700 00 | | |
| Repairs of Bridges | 6,783 86 | 6,800 00 | 6,800 00 | | |
| Repairs of Sewers | 9,982 12 | 11,309 52 | 10,000 00 | | 1,309 52 |
| Changing grade of Preston street | 3,983 94 | 4,449 44 | 4,449 44 | | |
| Curbing east side of Pennsylvania avenue at Sewell's Tannery | 80 00 | 82 40 | | 82 40 | |
| Trapping sewers on Pennsylvania avenue, and Ann and Baltimore streets | 1,300 00 | 1,300 00 | 1,300 00 | | |
| Changing grade of Fulton avenue | 11 09 | | | | |
| Vaults and areas | | 852 50 | | | 852 50 |
| Improvement of Jones' Falls | 57,984 39 | 91 39 | | | 91 39 |
| Jones' Falls 5 per cent. loan of 1900 | | 88,500 00 | | | 88,500 00 |
| Improvement of Harford Run | 20,368 25 | | | | |
| Harford Run sewer | 8,998 18 | 9,000 00 | 9,000 00 | | |
| Fremont street sewer | 75 00 | 75 00 | 75 00 | | |
| Light street bridge | 1,033 44 | 1,260 00 | 1,260 00 | | |
| Paving and repaving cross streets | 9,769 13 | 10,000 00 | 10,000 00 | | |
| Shelling Warner street | 193 15 | 200 00 | 200 00 | | |
| Paving in front of city property | 999 27 | 1,000 00 | 1,000 00 | | |
| Flag and stepping stones | 7,993 60 | 8,000 00 | 8,000 00 | | |
| Iron plates | 1,974 83 | 2,250 00 | 2,250 00 | | |
| Repairs of Harford Run sewer | 7,661 81 | 7,682 50 | 7,682 50 | | |
| Paving loan of 1920 | 337,892 83 | 290,590 59 | | | 290,590 59 |
| *Park Commission.* | | | | | |
| Druid Hill and Patterson Parks | 83,638 43 | 93,149 05 | | | 93,149 05 |
| Federal Hill Park | 10,768 93 | 10,770 77 | 10,770 77 | | |
| Amounts carried forward | $3,084,332 94 | $4,701,912 18 | $2,604,823 78 | $1,392,041 75 | $705,046 65 |

## STATEMENT D—Continued.

| NAMES OF ACCOUNTS. | FACE OF LEDGER. | | Appropria i ns | Received from Collector of Taxes. | Received from other sources. |
|---|---|---|---|---|---|
| | DR. | CR. | | | |
| Amounts brought forward | $3,084,332 94 | $4,701,912 18 | $2,604,823 78 | $1,392,041 75 | $705,046 65 |
| Riverside Park | 10,644 89 | 10,8-7 57 | 10,770 62 | | 56 95 |
| Harlem Park | 3,857 46 | 4,000 00 | 4,000 00 | | |
| Johnston Square | 5,230 12 | 5,329 65 | 5,000 00 | | 329 65 |
| Extension of Patterson Park | 134,088 01 | 200,124 00 | | | 200,124 00 |
| *General Superintendent of Lamps.* | | | | | |
| Inspecting and sealing gas meters | | 2,167 25 | | | 2,167 25 |
| Incidentals | 300 00 | 300 00 | 300 00 | | |
| Gas and electric lights | 197,962 32 | 210,737 50 | 210,737 50 | | |
| Lamp pillars and lamps | 21,999 19 | 22,051 75 | 22,000 00 | | 51 75 |
| *General Expenditures.* | | | | | |
| City Council | 52,487 11 | 54,000 00 | 54,000 00 | | |
| General Expense | 1,511 98 | 2,139 00 | 2,139 00 | | |
| Masonic Hall | 2,999 42 | 3,000 00 | 3,000 00 | | |
| Court House | 4,499 02 | 4,500 00 | 4,500 00 | | |
| Madison Square | 1,315 84 | 1,400 00 | 1,400 00 | | |
| Eastern Fountain | 1,423 00 | 1,500 00 | 1,500 00 | | |
| Franklin Square | 2,000 00 | 2,000 00 | 2,000 00 | | |
| Union Square | 1,500 00 | 1,500 00 | 1,500 00 | | |
| Perkins' Square | 3,984 98 | 4,027 00 | 4,027 00 | | |
| Park Place Square | 1,200 00 | 1,200 00 | 1,200 00 | | |
| Taney Place | 223 47 | 250 00 | 250 00 | | |

| | | | | | |
|---|---|---|---|---|---|
| Lafayette Square | 2,867 90 | 3,000 00 | 3,000 00 | | |
| Jackson Square | 766 43 | 800 00 | 800 00 | | |
| Mt. Vernon Squares | 1,000 00 | 1,000 00 | 1,000 00 | | |
| Baker Circle | 120 00 | 125 00 | 125 00 | | |
| Triangle at Boundary avenue, McMechin and Oliver streets | | 125 00 | 125 00 | | |
| Broadway Squares, first division | 1,798 99 | 1,800 00 | 1,800 00 | | |
| Broadway Squares, second division | 1,999 86 | 2,000 00 | 2,000 00 | | |
| Eutaw Squares, First division | 999 58 | 1,000 00 | 1,000 00 | | |
| Eutaw Squares, Second division | 2,324 91 | 2,500 00 | 2,500 00 | | |
| Ashland Square | 115 42 | 125 00 | 125 00 | | |
| Lafayette Market | 244 63 | 439 50 | | | 439 50 |
| Centre Market | 653 50 | 7,698 40 | | | 7,698 40 |
| Fell's Point Market | 656 30 | 6,867 00 | 223 00 | | 6,644 00 |
| Lexington Market | 761 20 | 11,518 45 | 150 00 | | 11,368 45 |
| Richmond Market | 415 55 | 3,679 10 | | | 3,679 10 |
| Hanover Market | 718 96 | 5,734 96 | 225 00 | | 5,509 96 |
| Cross Street Market | 435 75 | 3,390 24 | 102 00 | | 3,288 24 |
| Hollins Market | 330 55 | 3,459 13 | | | 3,459 13 |
| Broadway Hall | 71 98 | 225 00 | | | 225 00 |
| Belair Market | 673 69 | 8,279 00 | 96 25 | | 8,182 75 |
| Hollins Hall | 44 70 | 232 00 | | | 232 00 |
| Cross Street Hall | 29 00 | 176 00 | | | 176 00 |
| Wharfage | 9,256 44 | 38,253 33 | | | 38,253 33 |
| Salaries | 68,665 62 | 69,069 72 | 68,819 72 | | 250 00 |
| City Library | 7,497 43 | 7,501 05 | 7,500 00 | | 1 05 |
| Public Printing | 4,032 95 | 4,920 45 | 4,777 95 | | 142 50 |
| Armistead Monument | 2,000 00 | 2,000 00 | 2,000 00 | | |
| Transportation to House of Correction | 163 00 | 150 00 | 150 00 | | |
| Tax Sales | 2,269 78 | 7,466 49 | 2,487 33 | | 4,979 16 |
| Special Appropriations | 2,075 23 | 2,175 23 | 2,075 23 | | 100 00 |
| Interest | 102,880 69 | 220,354 68 | 88,000 00 | 132,348 40 | 6 28 |
| Amounts carried forward | $3,747,429 79 | $5,649,030 63 | $3,122,229 38 | $1,524,390 15 | $1,002,411 10 |

## STATEMENT D—Continued.

| NAMES OF ACCOUNTS. | FACE OF LEDGER. DR. | FACE OF LEDGER. CR. | Appropriati'ns. | Received from Collector of Taxes. | Received from other Sources. |
|---|---|---|---|---|---|
| Amounts brought forward | $3,747,429 79 | $5,649,030 63 | $3,122,229 38 | $1,524,390 15 | $1,002,411 10 |
| Superintendent of City Hall | 14,999 02 | 15,000 00 | 15,000 00 | | |
| Interest on Stock Debt | 1,880,228 48 | 3,026,421 36 | 1,889,221 74 | | 1,137,199 62 |
| Mayoralty | 1,490 37 | 1,500 00 | 1,500 00 | | |
| Commissioners for Opening Streets | 114 40 | 150 00 | 150 00 | | |
| Supervisors of Elections | 2,260 78 | 2,500 00 | 2,500 00 | | |
| Lamplighters | 45,864 00 | 45,500 00 | 45,500 00 | | |
| City Property | 3,783 20 | 5,061 99 | 3,800 00 | | 1,261 99 |
| Winding Maryland Institute Clock | 75 00 | 75 00 | 75 00 | | |
| Insurance of Bayview Asylum | 855 00 | 855 00 | 855 00 | | |
| City Collector | 43,917 94 | 44,300 00 | 44,300 00 | | |
| Insurance of Quarantine Hospital | 400 00 | 400 00 | 400 00 | | |
| Appeal Tax Court | 427 86 | 450 00 | 450 00 | | |
| Unclaimed Damages on Opening Streets | 125 25 | 194 70 | | | 194 70 |
| *Miscellaneous.* | | | | | |
| Water Board | 812,226 13 | 822,114,92 | | | 822,114 92 |
| Permanent Water Supply | 2,800 00 | | | | |
| Water Loan of 1922 | 259,134 67 | 500,000 00 | | | 500,000 00 |
| New Fire Plugs, Fountains, Etc | 5,000 00 | 5,000 00 | 5,000 00 | | |
| City Seal | | 624 00 | | | 624 00 |
| General Licenses | 1,359 67 | 42,142 85 | 1,600 00 | | 40,542 85 |
| Temporary Loans | 906,354 82 | 702,700 00 | | | 702,700 00 |
| Refunded Taxes | 3,997 88 | 4,000 00 | 4,000 00 | | |
| Auction Duties | | 7,295 06 | | | 7,295 06 |

| | | | | | |
|---|---|---|---|---|---|
| Direct Tax | | 1,387,119 82 | | 1,387,119 82 | |
| Miscellaneous Stocks | | 724,944 58 | | 724,944 58 | |
| Opening Streets | | 73,247 01 | | 73,247 01 | |
| State Tax on City Loans | 37,014 62 | 37,723 11 | 11,000 00 | | 26,723 11 |
| Intestate Estates | | 81 62 | | | 81 62 |
| Turnpike Dividends | | 159 40 | | | 159 40 |
| Elections | 11,950 03 | 12,324 89 | 12,200 00 | | 124 39 |
| Dog Pound | 1,143 75 | 1,379 04 | 1,200 00 | | 179 04 |
| Enoch Pratt Free Library | 845,833 33 | 845,833 33 | 12,500 00 | | 833,333 33 |
| Ringing Mechanics Bells | 300 00 | 300 00 | 300 00 | | |
| Sale of City Property | 213 20 | 2,250 00 | | | 2,250 00 |
| Western Maryland Railroad 1925 loan | 144,100 00 | 144,100 00 | | | 144,100 00 |
| Sales of City Code | | 30 00 | | | 30 00 |
| Ice Boat Maryland | 10,000 00 | 10,000 00 | 10,000 00 | | |
| Maryland Institute School of Design | 6,000 00 | 6,000 00 | 6,000 00 | | |
| Portrait of Mayor Whyte | | 300 00 | 300 00 | | |
| Tivoli Disaster | 2,233 50 | 2,233 50 | 2,233 50 | | |
| Closing Ferry Point Road | 250 00 | | | | |
| " Old Joppa Road | 2,616 25 | | | | |
| " Milliman street | 118 36 | | | | |
| Opening Cathedral street | 72,300 00 | 50,216 20 | 40,085 79 | 8,330 41 | 1,800 00 |
| " Luzerne street | 9,998 89 | 9,998 89 | 3,592 40 | 6,406 49 | |
| " Covington street | 7,502 67 | 8,893 99 | 5,280 98 | 3,613 01 | |
| " Patapsco street | 97 83 | | | | |
| " Race street | | 1,286 25 | 1,286 25 | | |
| " Presstman street | 446 00 | 45 00 | | | 45 00 |
| " John street | | 1,900 12 | 1,283 42 | 616 70 | |
| " McElderry street | 4,862 00 | 4,862 00 | 2,097 34 | 2,764 66 | |
| " Carey street | 54 09 | 13,601 68 | 10,819 26 | 2,782 42 | |
| " Gold street | 3,277 91 | 6,736 99 | | 6,736 99 | |
| " Wolf street | 3,008 77 | | | | |
| " Robert street | | 152 50 | | 152 50 | |
| Amounts carried forward | $8,896,165 46 | $14,221,034 93 | $5,256,760 06 | $3,741,104 74 | $5,223,170 13 |

## STATEMENT D—Continued.

| NAMES OF ACCOUNTS. | FACE OF LEDGER. DR. | FACE OF LEDGER. CR. | Appropriations | Received from Collector of Taxes. | Received from other Sources. |
|---|---|---|---|---|---|
| Amounts brought forward | $8,896,165 46 | $14,221,034 93 | $5,256,7·0 06 | $3,741,104 74 | $5,223,170 13 |
| Opening Federal street | 596 89 | 319 69 | 137 75 | 181 94 | |
| " Lanvale street | 174 58 | 227 40 | 127 27 | 100 13 | |
| " Oliver street | 176 02 | 232 52 | 138 0. | 94 50 | |
| Opening alley from Hoffman street to Gelston alley | 239 80 | | | | |
| pening Tenant street | 503 24 | 1,396 49 | | 1,396 49 | |
| " Mosher street | 472 15 | 1,766 19 | | 1,766 19 | |
| " Holbrook street | 307 44 | 661 03 | | 661 03 | |
| " Arch street | 232 93 | 289 43 | 289 43 | | |
| " Forrest street | 93 94 | | | | |
| " Point Lane | 117 50 | | | | |
| " Morton alley | 91 45 | | | | |
| " McKim street | 11,764 21 | 12,430 00 | 12,000 00 | | 430 00 |
| " Barclay street | 165 75 | | | | |
| " Biddle street | 596 51 | 31 50 | | 31 50 | |
| " Cuba street | 212 52 | 44 16 | | 44 16 | |
| " Broadway | | 410 00 | | | 410 00 |
| Widening Orleans street | 3 50 | | | | |
| Opening Patterson Park avenue | | 4,546 50 | 4,546 50 | | |
| " Cannon street | 274 16 | | | | |
| " Marshall street, No. 4 | 12 00 | | | | |
| " Edmondson avenue | 635 05 | | | | |
| " Wells street | 194 70 | | | | |
| " Wilkens avenue | | 500 00 | | | 500 00 |
| Paving interest | | 5,748 87 | | 5,748 87 | |

| | | | | | |
|---|---|---|---|---|---|
| Paving Marshall street | 124 47 | 573 67 | | 573 67 | |
| Paving Central avenue | 316 38 | | | | |
| Paving Calvert street | | 2,143 95 | | 2,143 95 | |
| Paving Truxton street | 87 82 | | | | |
| Paving St. Paul street | 286 85 | | | | |
| Paving Binney street | 159 73 | | | | |
| Paving Light street | 405 04 | | | | |
| Paving China street | 467 73 | 357 16 | | 357 16 | |
| Paving Goodman alley | 58 42 | | | | |
| Paving Mount street | 295 29 | 227 40 | | 227 40 | |
| Paving Fulton avenue | 281 15 | | | | |
| Paving Hanover street | | 4,609 36 | | 4,609 36 | |
| Paving Stoddard alley | | 70 87 | | 70 87 | |
| Paving Elliott street | 65 42 | | | | |
| Paving Bloom street | 1,120 76 | 805 91 | | 805 91 | |
| Paving Valley street | | 10 28 | | 10 28 | |
| Paving Morton alley | 567 34 | 557 19 | | 557 19 | |
| Paving Vincent alley | | 587 51 | | 587 51 | |
| Paving Burke street | | 241 58 | | 241 58 | |
| Paving Broadway | | 2,971 26 | | 2,971 26 | |
| Paving Charles street | 1,324 93 | 20,474 98 | | 20,474 98 | |
| Paving Howard street | | 28,487 19 | | 28,487 19 | |
| Paving Bruce alley | 1,592 87 | 1,825 20 | | 1,825 20 | |
| Paving Addison alley | 865 82 | 1,048 09 | | 1,048 09 | |
| Paving Park avenue | | 250 92 | | 250 92 | |
| Paving Caroline street | 18,011 85 | | | | |
| Paving Liberty street | | 8,094 00 | | 8,094 00 | |
| Paving Gay street | 29,418 05 | 14,121 29 | | 14,121 29 | |
| Paving McKim street | 6,292 94 | 1,728 85 | | 1,728 85 | |
| Paving Arch street | 442 50 | 366 86 | | 366 86 | |
| Paving Lemmon street | | 48 88 | | 48 88 | |
| Paving Federal street | | 80 92 | | 80 92 | |
| Amounts carried forward | $8,975,315 16 | $14,339,322 03 | $5,273,999 03 | $3,840,812 87 | $5,224,510 13 |

## STATEMENT D—Concluded.

| NAMES OF ACCOUNTS. | FACE OF LEDGER. DR. | FACE OF LEDGER. CR. | Appropriati'ns | Received from Collector of Taxes. | Received from other sources. |
|---|---|---|---|---|---|
| Amounts brought forward | $8,975,315 16 | $14,339,322 03 | $5,273,999 03 | $3,840,812 87 | $5,224,510 13 |
| Paving Biddle street | | 3,610 99 | | 3,610 99 | |
| Paving Ensor street | 7,798 70 | 3,972 91 | | 3,972 91 | |
| Paving Dolphin street | 4,009 92 | | | | |
| Paving Eutaw Place | 24,220 11 | 20,092 08 | | 20,092 08 | |
| Paving Aliceanna street | 358 55 | | | | |
| Paving East Falls avenue | 1,534 22 | 7 64 | | 7 64 | |
| Paving Covington street | 699 96 | | | | |
| Paving Chapel street | 686 84 | 793 71 | | 793 71 | |
| Paving Eagle street | 1,195 48 | 496 18 | | 496 18 | |
| Paving Monroe street | 1,013 10 | 1,136 54 | | 1,136 54 | |
| Paving Harlem Avenue | 8,020 26 | 4,820 82 | | 4,820 82 | |
| Paving Montgomery street | 120 52 | | | | |
| Paving Port street | 45 48 | | | | |
| Paving Sterrett Street | 16 42 | | | | |
| Paving Claret Alley | 68 01 | | | | |
| Paving York Street | 304 32 | 207 89 | | 207 89 | |
| Paving Norris Alley | 512 51 | 388 92 | | 388 92 | |
| Paving Bond Street | 6,512 73 | 2,422 06 | | 2,422 06 | |
| Paving Race Street | 2,500 00 | | | | |
| Paving Cuba Street | | 42 35 | | 42 35 | |
| Mayor and City Council | 5,273,999 03 | | | | |
| Cash | 9,103,315 09 | 9,034,932 29 | | | |
| Totals | $23,412,246 41 | $23,412,246 41 | $5,273,999 03 | $3,878,804 96 | $5,224,510 13 |

## STATEMENT E.

Receipts and Disbursements from December 31, 1882, to December 31, 1883.

| | Receipts. | Disbursements. |
|---|---|---|
| January | $266,578 34 | $692,979 65 |
| February | 751,176 99 | 466,679 30 |
| March | 406,373 47 | 471,529 30 |
| April | 422,369 81 | 529,999 98 |
| May | 416,237 72 | 1,508,605 92 |
| June | 1,866,430 94 | 780,335 56 |
| July | 2,272,452 40 | 1,655,518 33 |
| August | 198,214 48 | 363,740 27 |
| September | 271,763 12 | 408,067 25 |
| October | 557,228 13 | 877,457 85 |
| November | 689,073 37 | 960,569 36 |
| December | 985,416 32 | 319,449 52 |
| | $9,103,315 09 | $9,034,932 29 |
| Balance Dec. 31, 1882 | 227,609 68 | |
| " " 31, 1883 | | 295,992 48 |
| | $9,330,924 77 | $9,330,924 77 |

## STATEMENT F.

The condition of the Sinking Fund for the Redemption of the Five Million Loan to the Baltimore and Ohio Railroad Company the 31st day of December, 1883, is as follows:

| | | | | | |
|---|---|---|---|---|---|
| Consolidated | 6 | per cent. | loan of | 1890..... | $198,500 00 |
| Five Million | 6 | " | " | 1890..... | 847,300 00 |
| City Hall | 6 | " | " | 1884..... | 52,900 00 |
| " | 6 | " | " | 1900..... | 41,300 00 |
| " | 6 | " | " | 1902..... | 6,200 00 |
| Funding | 6 | " | " | 1900..... | 58,900 00 |
| Consolidated | 5 | " | " | 1885..... | 34,000 00 |
| Park Improvement | 6 | per cent. | loan of | 1895. | 6,600 00 |
| Valley Railroad | 6 | " | " | 1886. | 50,000 00 |
| Jones' Falls | 6 | " | " | 1900. | 28,000 00 |
| " | 5 | " | " | 1900. | 71,100 00 |
| Public Park | 6 | " | " | 1890. | 45,300 00 |
| One Million | 6 | " | " | 1886. | 157,400 00 |
| West. Md. Railroad | 6 | " | " | 1902. | 50,900 00 |
| Water | 5 | " | " | 1894. | 39,100 00 |
| " | 5 | " | " | 1916. | 297,900 00 |
| Exempt | 6 | " | " | 1893. | 12,200 00 |
| Consolidated | 6 | " | " | 1893. | 331,900 00 |
| Western Maryland Railroad Guaranteed Bonds, (registered)..... | | | | | 25,000 00 |
| Western Maryland Railroad Guaranteed Bonds, (coupon)..... | | | | | 69,000 00 |
| Union Railroad Guaranteed Bonds, (coupon)..... | | | | | 1,500 00 |
| | | | | | $2,425,000 00 |

## STATEMENT G.

The condition of the Sinking Fund for the Redemption of the Bonds of the Western Maryland Railroad Company, guaranteed by the city of Baltimore, December 31, 1883, is as follows:

| | | |
|---|---|---|
| Consolidated 6 per cent. 1890 loan | $10,700 00 | |
| Consolidated 6 per cent. 1893 loan | 3,800 00 | |
| One Million 6 per cent. 1886 loan | 1,500 00 | |
| Western Maryland Railroad 6 per cent. 1902 loan | 4,700 00 | |
| Public Park 6 per cent. 1890 loan | 1,100 00 | |
| Park Improvement 6 per cent. 1895 loan | 2,500 00 | |
| Five Million 6 per cent. 1890 loan | 3,300 00 | |
| Valley Railroad 6 per cent. 1886 loan | 1,200 00 | |
| City Hall 6 per cent. 1884 loan. | 2,000 00 | |
| " " 1900 " | 900 00 | |
| " " 1902 " | 2,000 00 | |
| Jones' Falls 6 per cent. 1900 loan | 800 00 | |
| | | $34,500 00 |
| Water 5 per cent. 1916 loan.. | $16,800 00 | |
| Funding 5 per cent. 1916 loan. | 1,300 00 | |
| Water 5 per cent. 1894 loan.. | 100 00 | |
| Amounts carried forward... | $18,200 00 | $34,500 00 |

STATEMENT G—Concluded.

| | | |
|---|---|---|
| Amounts brought forward.. | $18,200 00 | $34,500 00 |
| Consolidated 5 per cent. 1885 loan..... | 500 00 | |
| Jones' Falls 5 per cent. 1900 loan..... | 2,500 00 | |
| | — | 21,200 00 |
| Western Maryland Railroad guaranteed bonds (registered)..... | 9,000 00 | |
| Western Maryland Railroad guaranteed bonds (coupons)..... | 159,500 00 | |
| | | 168,500 00 |
| | | $224,200 00 |
| Cash balance..... | | 291 97 |
| | | $224,491 97 |

## STATEMENT H.

Statement showing the Monthly Returns of the Keepers of the Standards of Weights and Measures from March 1st, 1883, to December 31st, 1883.

| 1883. | N. W. District. | S. W. District. | N. E. District. | S. E. District. | Totals. |
|---|---|---|---|---|---|
| March | $358 17 | $505 80 | ..... | $475 15 | $1,339 12 |
| April | 375 55 | 118 07 | $139 16 | 338 62 | 971 40 |
| May | 214 64 | 428 66 | 362 20 | 11 54 | 1,017 04 |
| June | 202 07 | 207 19 | 380 38 | 181 38 | 971 02 |
| July | ..... | 252 18 | 247 63 | 274 67 | 774 48 |
| August | 30 41 | 115 06 | 11 00 | 15 09 | 171 56 |
| September | 33 23 | ..... | 19 47 | 43 38 | 96 08 |
| October | ..... | ..... | 29 33 | 39 63 | 68 96 |
| November | 31 43 | 42 48 | 15 52 | 26 01 | 115 44 |
| December | 13 46 | 56 46 | 3 50 | 8 42 | 81 84 |
| Totals | $1,258 96 | $1,725 90 | $1,208 19 | $1,413 89 | $5,606 94 |

# COMMUNICATIONS.

BALTIMORE, January 2, 1884.

JOHN A. ROBB, Esq., *City Register:*

*Sir*—The Inspector of Buildings will ask for appropriations as follows:

| | |
|---|---|
| For completion of Bayview Asylum..... | $31,000 00 |
| " " " Quarantine Hospital..... | 1,500 00 |
| " " " Public School No. 11.... | 15,220 00 |
| For cleaning cess pools..... | 2,000 00 |
| For repairs of city property: | |
| " " " public school houses..... | 9,000 00 |
| " " " engine houses..... | 4,500 00 |
| " " " market houses..... | 2,800 00 |
| " " " court houses..... | 1,500 00 |
| " " " City Hall..... | 4,500 00 |
| " " " City Jail..... | 2,800 00 |
| " " " monuments..... | 400 00 |
| Salaries..... | 5,500 00 |
| Incidentals..... | 550 00 |
| | $81,270 00 |

Respectfully submitted,

JOHN S. HOGG,
*Inspector of Buildings.*

BALTIMORE, January 7th, 1884.

JOHN A. ROBB, Esq., *City Register:*

*Dear Sir*—Enclosed please find my estimate for the various sums required for the needs of this Department for the year ending December 31st, 1884:

| | |
|---|---|
| Salaries | $123,600 00 |
| Apparatus and repairs | 27,100 00 |
| Accidents | 2,000 00 |
| Feed | 10,000 00 |
| Fuel | 2,500 00 |
| Furniture | 1,000 00 |
| Harness | 3,000 00 |
| Horse-shoeing | 1,300 00 |
| Sucking sleeves | 1,500 00 |
| Horses | 3,000 00 |
| Ground rents | 888 26 |
| Gaslight | 1,500 00 |
| Oils, grease, etc | 1,200 00 |
| Office expense | 1,000 00 |
| Miscellaneous | 1,500 00 |
| Washing | 1,400 00 |
| Insurance | 1,737 60 |
| Fire alarm telegraph | 13,500 00 |
| | $197,725 86 |

Yours very truly,

J. MONROE HEISKELL,
*Fire Marshal.*

BALTIMORE, January 1, 1884.

JOHN A. ROBB, Esq., *City Register:*

*Sir*—The amounts required for the City Commissioner's Department, for the year ending 31st December, 1884, are as follows:

| | |
|---|---|
| Repairs of paved streets | $75,000 00 |
| " " bridges | 10,000 00 |
| " " sewers and inlets | 10,000 00 |
| " " unpaved streets | 3,000 00 |
| Flag and stepping stones | 10,000 00 |
| Paving in front of city property | 1,000 00 |
| Paving and repaving cross streets | 20,000 00 |
| Incidentals | 50 00 |
| Salaries | 9,000 00 |
| Livery of horses | 700 00 |
| Light Street Bridge | 1,500 00 |
| Raising grade of Fulton avenue, Baker Circle, etc | 6,920 00 |
| | $147,170 00 |

Respectfully submitted,

THOMAS S. WILKINSON,

*City Commissioner.*

BALTIMORE, January 1, 1884.

MR. JOHN A. ROBB, ESQ., *City Register:*

*Sir*—The following is an estimate of requirements for Old Masonic Hall and City Courts:

| | |
|---|---|
| Janitor | $1,000 00 |
| Watchman | 900 00 |
| Cleaning courts and offices | 536 00 |
| Fifty tons of coal | 275 00 |
| Ice | 100 00 |
| Gas for courts and offices | 100 00 |
| Brooms, buckets, &c., &c | 35 00 |
| Whitewashing | 15 00 |
| Cleaning sink | 18 00 |
| Repairing furniture | 35 00 |
| Hauling dirt and ashes | 15 00 |
| Cleaning and repairing stoves | 37 50 |
| New stove for office City Court | 32 50 |
| " " Record Office | 25 00 |
| Incidentals | 100 00 |
| | $3,224 00 |

Respectfully submitted,

P. REILLY, *Janitor.*

BALTIMORE, January 14th, 1884.

JOHN A. ROBB, ESQ.:

*Dear Sir*—Estimated expense of the Criminal Court, Record Office and grounds for the year 1884:

| | |
|---|---|
| Superintendent, salary | $1,200 00 |
| Watchman " | 1,000 00 |
| Janitor for Criminal Court, salary | 384 00 |
| " " ladies' room " | 300 00 |
| " " Court Common Pleas, salary | 180 00 |
| For new furniture and repairing old | 125 00 |
| " new carpet, cleaning and repairing old | 100 00 |
| " brooms, buckets, brushes, towels, &c. | 50 00 |
| " two new stoves in Criminal Court and one in Grand Jury room | 100 00 |
| " keeping stoves in repair, rebricking, cleaning, pipes, &c. | 100 00 |
| " new coal hods and repairing old ones | 20 00 |
| Repairing gas fixtures, globes, &c. | 25 00 |
| Removing ashes, cleaning cellars and coal bins | 75 00 |
| Whitewashing prisoners' room, rotunda, basement of Criminal Court and stairway Record Office | 100 00 |
| 150 tons of coal for court rooms, jury rooms and Record Office, at $5.00 per ton | 750 00 |
| 12 cords of wood, for same rooms as for coal, at $8.00 | 96 00 |
| Gas for Criminal Court and basement | 200 00 |

| | |
|---|---|
| Ice for all the court rooms and Grand and Petit Jury rooms | $200 00 |
| Ice coolers and repairing | 50 00 |
| Locks and keys and repairing | 50 00 |
| New window curtains and repairing | 25 00 |
| Incidental expenses, extra help, cutting grass, &c | 40 00 |
| For repairing window awnings for court rooms and Record Office | 25 00 |
| Three new awnings for Record Office, at $10 apiece | 30 00 |
| Cocoa matting for Common Pleas Court and repairing the carpet and cleaning | 75 00 |
| | $5,300 00 |

WM. H. CLIFFORD,
*Superintendent.*

---

BALTIMORE, January 10, 1884.

MR. JOHN A. ROBB, *Register :*

*Dear Sir*—The following are the estimates of the amounts required by the Board of School Commissioners for the several items of expenditure named, for the year 1884 :

| | |
|---|---|
| For salaries, white schools | $480,000 00 |
| " rents and ground rents, white schools. | 29,000 00 |
| " books and stationery, " " | 39,000 00 |
| " heating apparatus and its repairs, white schools | 10,500 00 |

| | |
|---|---|
| For furniture, white schools ..... | $7,000 00 |
| " fuel " " ..... | 18,500 00 |
| " repairs and cleaning, white schools... | 6,000 00 |
| " incidentals, printing, etc., white schools | 10,000 00 |
| " evening schools..... ..... ..... | 5,000 00 |
| " colored schools ..... ..... | 70,000 00 |
| | $675,000 00 |
| And for the Manual Training School, established by *direction* of the Mayor and City Council, (Ordinance 106, 1883).... | 10,000 00 |

Respectfully,

HENRY M. COWLES,
*Secretary.*

---

BALTIMORE, December 31, 1883.

JOHN A. ROBB, ESQ., *City Register:*

*Sir*—The estimated expenses of this office for the year 1884 will be $7,500.

Respectfully,

SAMUEL E. SMITH,
*City Librarian.*

---

BALTIMORE, January 3, 1884.

JOHN A. ROBB, ESQ., *City Register:*

*Sir*—The following is my estimate of the probable expenses of this department for the ensuing year, 1884:

| | |
|---|---|
| General health | $20,000 00 |
| " " unexpended balance 1883 | 6,794 36 |
| Nuisances and sewers | 10,000 00 |
| " " unexpended balance '83. | 341 69 |
| Salaries | 32,585 00 |
| " unexpended balance 1883 | 237 49 |
| Post mortem | 600 00 |
| Quarantine Hospital | 20,000 00 |
| " " unexpended balance '83. | 53 95 |
| Extra vaccine physicians | 6,400 00 |
| | $97,012 49 |

Respectfully submitted,

GEORGE W. BENSON,
*Com. of Health.*

---

BALTIMORE, January 1, 1884.

JOHN A. ROBB, Esq., *City Register:*

*Sir*—The following is the estimate of expenses for the Department of Street Cleaning for the year 1884:

| | | |
|---|---|---|
| 124 Garbage men and carts. | $116,064 00— | $18 per week |
| 55 Street men and carts... | 51,480 00— | 18 " " |
| 120 Sweepers and scrapers.. | 62,400 00— | 10 " " |
| Salaries | 9,200 00— | |
| Contract for removal of garbage, etc | 6,375 00— | |
| Dumps | 4,500 00— | |
| Tools and incidentals | 1,700 00— | |
| | $251,719 00 | |

Respectfully submitted,

B. E. SMITH.
*Commissioner of Street Cleaning.*

BALTIMORE, January 1, 1884.

JOHN A. ROBB, Esq., *City Register:*

*Dear Sir*—In making up your estimate for the expenses for the various departments of the city government for the coming fiscal year, you will please ask for an appropriation of seventy thousand dollars.

Yours very respectfully,

WILTON H. HARTMAN,
*President Protem.,*
*Board of Trustees for Bayview Asylum.*

---

BALTIMORE, January 10th, 1884.

JOHN A. ROBB, Esq., *City Register:*

*Dear Sir*—Estimated amounts required for the General Superintendent of Lamps and Department for the year ending December 31, 1884:

| | |
|---|---|
| Lamps, pillars and lamps, including gasoline supplies and repairs, gas and gasoline posts, lamps or lanterns, repairs of gas lamps, street signs, globes and incidentals | $22,000 00 |
| Gas and electric lights, including gas for markets, halls, bridges, squares, street lamps, &c. | 210,737 00 |
| Keeping General Superintendent's horse and wagon | 300 00 |
| | $233,037 00 |

| | |
|---|---|
| Estimated receipts, inspecting meters | $1,800 00 |
| Lamps, pillars and lamps | 50 00 |
| | $1,850 00 |

F. W. KING,
*General Superintendent of Lamps, &c.*

BALTIMORE, January 1, 1884.

JOHN A. ROBB, ESQ., *City Register:*

*Sir*—The estimated expenses of this department for the year ending December 31, 1884, are as follows:

| | |
|---|---|
| Gas | $5,000 00 |
| Cleaning City Hall | 5,280 00 |
| Coal and wood | 2,720 00 |
| Repairs to furniture and gas fixtures | 900 00 |
| Winding fire alarm striker and tower clock, regulating clocks, repairs to electric wires, batteries, &c | 500 00 |
| Ice | 550 00 |
| New furniture | 500 00 |
| Brushes, buckets, brooms, feather dusters, mops, soap, &c | 400 00 |
| Incidental expenses | 250 00 |
| Removing ashes and dirt | 200 00 |
| Cleaning carpets, mats, &c | 350 00 |
| Laborer | 720 00 |
| Bay View Asylum, office carpet, &c | 63 00 |
| Health Commissioner's office, carpet, &c | 85 50 |
| Waiting Room, Police Board, oil cloth | 76 00 |
| Secretary's office, " carpet, &c | 100 00 |
| Private " " " | 112 00 |
| Fire Marshal's office, carpet, &c | 87 00 |
| Clerk to City Commissioners, oil cloth | 63 00 |
| Commissioner of Street Cleaning, carpet | 55 00 |
| Superintendent of Fire Alarm Office, carpet, &c | 93 00 |
| Water Board office, oil cloth | 170 00 |

| | |
|---|---|
| Cashier's office, Water Board, oil cloth..... | $18 75 |
| Commissioners for Opening Streets, carpet.. | 79 50 |
| Bailiff's Room, Tax Department, oil cloth.. | 63 00 |
| McDonough room, oil cloth..... | 60 00 |
| Book-keeper's room, Tax Department, oil cloth..... | 60 00 |
| Taking down drapery in both Branches City Council, cleaning, replacing; also cleaning carpets, as per contract..... | 170 00 |
| 1 gross Cuspidors..... | 110 00 |
| ½ " rubber spittoons, No 1..... | 96 00 |
| 1 hundred window shades..... | 100 00 |
| Cleaning and repairing furniture in both Branches of City Council chambers, covering desks, &c..... | 400 00 |
| | $19,437 75 |

Respectfully submitted,

JAMES DONNELLY,
*Superintendent City Hall.*

---

BALTIMORE, December 30, 1883.

JOHN A. ROBB, Esq., *City Register:*

*Sir*—I have the honor to submit the following estimate of funds required for this department during 1884:

| | |
|---|---|
| Harbor improvements | $80,000 00 |
| Building bulkhead city dock | 10,000 00 |
| General repairs of wharves | 5,000 00 |
| Maintenance of ice boat | 10,000 00 |
| | $105,000 00 |

By order of Harbor Board,

N. H. HUTTON,
*Engineer.*

# REPORT

OF THE

# DEPARTMENT OF FINANCE,

FOR THE YEAR 1883.

# REPORT.

BALTIMORE, December 31, 1883.

*To the Honorable the Members of the*
*First and Second Branches of the City Council:*

GENTLEMEN:

The Commissioners of Finance have the honor to submit for your consideration, statements in detail, exhibiting their transactions during the year, as follows, viz.:

1. A summary of receipts and payments on account of the various Sinking Funds.

2. A statement of investment purchases.

3. A statement exhibiting the amount of the Redemption and Sinking Funds December 31, 1883.

4. A schedule of real estate and ground rents from which income is derived.

5. A statement of the Funded Debt of the City, and of the Guarantees.

6. A balance sheet of the Sinking Funds' Ledger.

7. A statement of the indebtedness of the Western Maryland Railroad Company to the Mayor and City Council of Baltimore.

8. A statement of the total liabilities of the Western Maryland Railroad Company.

The matters embraced in the foregoing, are exhibited under the respective heads, in a detailed form, in the appendix to this report.

## 1—Receipts and Payments.

The receipts have been derived as follows:

| | | |
|---|---|---|
| From cash to credit of sinking funds, December 31, 1882 | $209,120 34 | |
| From cash to credit of water loan 1875, December 31, 1882 | 4,840 00 | |
| | | $213,960 34 |
| From dividends of Baltimore and Ohio Railroad stock | $325,000 00 | |
| From Baltimore and Ohio Railroad Company on account of purchase of Pittsburg and Connellsville Railroad bonds | 40,000 00 | |
| From Mayor and City Council, for Enoch Pratt Free Library Sinking fund | 833,333 33 | |
| | | 1,198,333 33 |
| From interest upon investments | | 441,079 81 |
| Amount carried forward | | $1,853,373 48 |

| | |
|---|---|
| Amount brought forward. | $1,853,373 48 |
| From rental of real estate.. | 15,908 45 |
| From Western Maryland Railroad Company for rental of Hillen Station to December 15, 1883, under contract authorized by Ordinance No. 97, 1875..... | 16,000 00 |
| Of this amount, $2,000 being one-eighth, is set apart as a sinking fund. | |
| From Western Maryland Railroad Terminal Company, for rental of depot to December 31, 1883, under contract authorized by Ordinance No 92, of 1882..... ..... | 10,554 24 |
| Of this amount, $507 .75 being one-seventh is set apart as a sinking fund. | |
| From City Passenger Railway Company..... | 5,930 86 |
| From Citizens' Railway Company..... | 3,619 71 |
| From North Baltimore Railway Company..... | 2,917 76 |
| From York Road Railway Company..... | 300 90 |
| From Union Railway Company..... | 837 51 |
| From sales of stock..... | 183 92 |
| From premium on $131,000 Western Maryland Railroad loan 1925..... | 13,100 00 |
| Amount carried forward.. | $1,922,726 83 |

| | | |
|---|---|---|
| Amount brought forward... | | $1,922,726 83 |
| The payments have been made as follows: | | |
| For investment purchases.. | $1,219,523 56 | |
| For interest on stock debt.. | 515,215 00 | |
| For account of depot for Western Maryland Railroad Terminal Company.. | 36,163 81 | |
| For purchase of ground rent. | 3,487 50 | |
| For Water Stock 1875 redeemed..... | 3,000 00 | |
| For sundry expenses..... | 1,301 43 | |
| | | $1,778,691 30 |
| Balance..... | | $144,035 53 |
| Cash in bank to credit of funds..... | $142,195 53 | |
| Cash in bank to redeem water stock outstanding.. | 1,840 00 | |
| | | $144,035 53 |

2—Investment Purchases.

| | |
|---|---|
| This statement is submitted in obedience to Article XLII, Section 13, of the Code, and exhibits in detail the purchase of stocks and bonds amounting to $343,590.23, at an average cost of 111 $\frac{57}{100}$ per cent., the total amount of said purchases being..... | $383,352 73 |

3—The Amount of the Redemption and Sinking Funds.

Exhibiting in detail the amount and condition of the investments of the funds, as shown by the books of the Commissioners of Finance, as follows:

*Productive Investments:*

| | | |
|---|---|---|
| General sinking fund | $8,190,296 33 | |
| Public Park sinking fund | 458,678 72 | |
| Hillen Station sinking fund | 17,785 66 | |
| Western Maryland Railroad Loan 1925 sinking fund | 22,179 95 | |
| Western Maryland Railroad Terminal Company sinking fund | 1,507 75 | |
| | | $8,690,448 41 |

*Other Productive Investments:*

| | | |
|---|---|---|
| Real estate, as shown in Statement No. 4, from which an annual rental of $7,746.76 is derived. This sum capitalized at 6 per cent. is worth | $129,112 00 | |
| 550 shares stock Baltimore and Reisterstown Turnpike Company | 1,500 00 | |
| 137 shares stock Frederick Turnpike Company | 206 00 | |
| | | $130,818 00 |
| | | $8,559,626 41 |

*Unproductive Investments:*

| | | |
|---|---|---|
| Western Maryland Railroad Company, 4,000 shares stock | $200,000 00 | |
| Amounts carried forward. | $200,000 00 | $8,559,626 41 |

| | | |
|---|---|---|
| Amounts brought forward. | $200,000 00 | $8,559,626 41 |
| Western Maryland Railroad Company, mortgage to secure endorsements..... | 1,175,000 00 | |
| Western Maryland Railroad Company, loan of city stock ..... | 1,000,000 00 | |
| Western Maryland Railroad Company, accrued interest advanced upon bonds guaranteed and stock loaned..... ..... | 1,642,500 00 | |
| 625 shares stock Baltimore and Yorktown Turnpike Company..... .... | | |
| 120 shares stock Baltimore and Havre-de-Grace Turnpike Company..... | | |
| Baltimore, Susquehanna and Tide Water Canal Company stock, 7,600 shares. | 380,000 00 | |
| Baltimore and Halls Springs Railway Company stock, 1067 shares, par value $20. | 21,340 00 | |
| Valley Railroad Company of Virginia stock..... . | 1,000,000 00 | |
| | | $5,418,840 00 |
| Total productive and non-productive investments., | | $13,978,466 41 |

INCREASE OF SINKING FUNDS.

| | | |
|---|---|---|
| The increase of the funds from December 31, 1882, to December 31, 1883, amounting to..... | | $263,361 98 |
| Was derived thus: | | |
| From interest upon investments..... | $428,574 23 | |
| From dividends on Baltimore and Ohio Railroad stock..... | 325,000 00 | |
| From rental of real estate | 15,908 45 | |
| From rental of Hillen Station..... | 14,000 00 | |
| From rental of Western Maryland Railroad Terminal Depot..... | 9,046 49 | |
| From premium on Western Maryland Railroad loan 1925..... | 13,100 00 | |
| From City Passenger Railway Company..... | 5,930 86 | |
| From Citizens' Railway Company..... | 3,619 71 | |
| From North Baltimore Railway Company..... | 2,917 76 | |
| From York Road Railway Company..... | 300 90 | |
| From Union Railway Company..... | 837 51 | |
| Amounts carried forward... | $819,235 91 | $263,361 98 |

| | | | |
|---|---|---|---|
| Amounts brought forward.. | | $819,235 91 | $263,361 98 |
| Deduct: | | | |
| Amount paid Mayor and City Council for interest on stock debt.... | $325,000 00 | | |
| For interest on one million loan..... .... | 60,000 00 | | |
| For interest on Western Maryland Railroad loan..... | 60,000 00 | | |
| For interest on Western Maryland Railroad bonds ..... | 70,215 00 | | |
| For sundry expenses ..... | 1,301 43 | | |
| Loss in purchase of stock..... | 39,357 50 | | |
| | | $555,873 93 | |
| | | | $263,361 98 |

4—Real Estate and Ground Rents.

The schedule of real estate and ground rents presented in this form for convenience of reference, embraces only so much of the city property as is in control and shown upon the books of this board, and from which income is derived by rentals.

The income derived from the public wharves and other valuable property, being applied to current expenditures, does not appear in these accounts.—(Baltimore City Code, Section 14, Article XLII, page 717.)

### 5—The Funded Debt and Guarantees

| | | |
|---|---|---|
| Amount to a sum total of..... | | $38,121,991 73 |
| At date of last annual report, December 31, 1882, these issues amounted to.... | | 36,945,691 73 |
| Amount of increase during the year.... | | $1,176,300 00 |
| Thus:— | | |
| Amount of five per cent. Jones' Falls loan issued. | $88,500 00 | |
| Amount of paving loan 1920 issued..... | 259,800 00 | |
| Amount of Western Maryland Railroad loan 1925 issued..... | 131,000 00 | |
| Amount of water loan 1922 issued..... | 500,000 00 | |
| Amount of Patterson Park extension loan issued.. | 200,000 00 | |
| | $1,179,300 00 | |
| Less amount of water stock 1875, redeemed.. | 3,000 00 | |
| | | $1,176,300 00 |

### Increase of Funded Debt Authorized.

| | |
|---|---|
| The Jones' Falls loan, by Ordinance No. 12, of 1870. | $743,000 00 |

| | | |
|---|---|---|
| Amount brought forward. | $743,000 00 | |
| The paving loan 1920, by Ordinance No. 131 of 1880. | 95,200 00 | |
| The Western Maryland Railroad loan 1925, by Ordinance No. 71 of 1882. | 182,000 00 | |
| | | $1,020,200 00 |

6—The Financial Condition of the Corporation.

| | | |
|---|---|---|
| Amount of funded debt December 31, 1883..... | $36,629,991 73 | |
| Amount of guarantee liabilities Dec. 31, 1883... | 1,492,000 00 | |
| | | $38,121,991 73 |
| Less amount of cash in bank set aside for the redemption of water stock 1875, now outstanding. | | 1,840 00 |
| | | $38,120,151 73 |
| Of this amount interest is provided or paid as follows: | | |
| The Baltimore and Ohio Railroad Comp'y, upon. | $5,000,000 00 | |
| The City Passenger Railway Companies, upon.. | 755,566 25 | |
| The Water Board, from income, upon..... | 9,500,000 00 | |
| The Union Railroad Company, upon..... | 117,000 00 | |
| The Western Maryland Railroad Comp'y, upon. | 702,000 00 | |
| | | $16,074,566 25 |
| Amount carried forward. | | $22,045,585 48 |

| | | | |
|---|---|---|---|
| Amount brought forward. | | | $22,045,585 48 |
| *Productive Investments:* | | | |
| The Baltimore and Ohio Railroad stock, 32,500 shares, at $1.90 per share. | $6,175,000 00 | | |
| Baltimore and Reisterstown Turnpike Company stock, 550 share.. | 1,500 00 | | |
| The sinking funds value.. | 8,690,448 41 | | |
| The Frederick Turnpike Co. stock, 137 shares.. | 206 00 | | |
| The real estate, annual rental. | $7,746 76 | | |
| The wharf property, annual rental.. | 38,000 00 | | |
| The market houses, annual income. | 50,000 00 | | |
| | $95,746 76 | | |
| This provides interest upon | 1,595,779 00 | | |
| | | | 16,462,933 41 |
| Balance ..... | | | $5,582,652 07 |
| *Unproductive Investments:* | | | |
| Western Maryland Railroad Company, 4,000 shares stock ..... | $200,000 00 | | |
| Western Maryland Railroad Co., mortgages to secure endorsements and loan of city stock. | 2,175,000 00 | | |
| Amount carried forward.. | $2,375,000 00 | | |

| | | |
|---|---|---|
| Amount brought forward. | $2,375,000 00 | |
| Western Maryland Railroad Company, accrued interest advanced..... | 1,642,500 00 | |
| Baltimore, Susquehanna and Tide Water Canal Co. stock, 7,600 shares. | 380,000 00 | |
| Baltimore and Hall's Springs Railway Company stock, 1,067 shares, par value $20..... | 21,340 00 | |
| Valley Railroad Company of Virginia stock..... | 1,000,000 00 | |
| | | $5,418,840 00 |
| Baltimore and Yorktown Turnpike Company stock, 625 shares..... | | |
| Baltimore and Havre-de-Grace Turnpike Company stock, 120 shares..... | | |

This statement does not embrace any items connected with current receipts and expenditures, but refers only to the stock and bond liabilities of the corporation, and to investments specially set apart for redemption of the same.

The accounts now submitted for your consideration exhibit in detail all the transactions of the past year. They show the gross receipts from all sources to have been..... $1,922,726 83

The disbursements have been as follows:

| | | |
|---|---|---|
| For investment purchases, (see statement No. 2)... | $1,219,523 56 | |
| Amounts carried forward. | $1,219,523 56 | $1,922,726 83 |

| | | |
|---|---|---|
| Amounts brought forward. | $1,219,523 56 | $1,922,726 83 |
| For interest paid upon the funded debt of the city.. | 515,215 00 | |
| For account of depot for Western Maryland Railroad Terminal Company. | 36,163 81 | |
| For purchase of ground rent. | 3,487 50 | |
| For water stock 1875, redeemed..... | 3,000 00 | |
| For sundry expenses paid during the year..... | 1,301 43 | |
| | | $1,778,691 30 |
| Balance being amount cash in bank to the credit of funds..... ..... | | $144,035 53 |

This sum is held for payment of interest due January 1, 1884.

| | |
|---|---|
| The present value of the sinking funds' investments, represented in statement 3, appendix, is shown to be..... | $8,690,448 41 |
| The value of the same on December 31, 1882, was..... | 8,427,086 43 |
| Thus showing an increase during the year of..... ..... ..... | $263,361 98 |

One hundred and thirty-one thousand ($131,000.00) dollars of the Western Maryland Railroad Loan, 4 per cent. 1925, was sold, after public advertisement inviting competitive bids, on July 30, at a premium of $13,100, and $200,000 of the 4 per cent. Paving Loan

1920, after the usual public notice, was sold to the Commissioners of Finance, at a premium of $27,000, December 15, 1883.

And agreeably to the terms of Section 1, Ordinance No. 64, approved May 14, 1883, the following loans were taken at par July 6, 1883:

Paving loan 1920, $59,800; Jones' Falls loan 1900, $88,500; Water loan 1922, $500,000; Patterson Park Extension loan 1920, $200,000, for investment in the Enoch Pratt Free Library sinking fund.

Respectfully submitted,

FERDINAND C. LATROBE, *Chairman.*

JAMES SLOAN, JR.,

ROBERT T. BALDWIN,

*Commissioners of Finance.*

JOHN A. ROBB,

*Clerk to Commissioners of Finance.*

# APPENDIX.

STATEMENT

Dr. *The Commissioners of Finance in account with*

| | | | |
|---|---|---|---|
| To balance of cash in bank to credit of Sinking Funds | $209,120 34 | | |
| To balance of cash in bank to credit of Water Loan, 1875 | 4,840 00 | | |
| | | | $213,960 34 |
| *To General Sinking Fund:* | | | |
| Received for fractions of stock sold | $183 92 | | |
| Received from rental of real estate | 15,908 45 | | |
| Received from rental of Hillen Station | 14,000 00 | | |
| Received from rental of Western Md. R. R. Terminal Co's Depot | 9,046 49 | | |
| Received for interest on stock and investments | 405,441 23 | | |
| Received for account of sale of Pittsburg and Connellsville Railroad Bonds | 40,000 00 | | |
| | | | 484,580 00 |
| *To Public Park Sinking Fund:* | | | |
| Received for interest on stock | $23,133 00 | | |
| Received from City Passenger Railway Company | 5,930 86 | | |
| Received from Citizens' Railway Company | 3,619 71 | | |
| Received from North Baltimore Railway Company | 2,917 76 | | |
| Received from York Road Railway Company | 300 90 | | |
| Amounts carried forward | $35,902 23 | | $698,540 43 |

No 1.

*the Mayor and City Council of Baltimore.* Cr.

| | | |
|---|---|---|
| *By General Sinking Fund:* | | |
| Purchased fractions of City stock | $90 23 | |
| Purchased $10,000 of City 5 per cent. stock | 10,000 00 | |
| Purchased $277,700 of City 4 per cent. stock | 310,692 50 | |
| Paid one year's interest on one million loan 1886 | 60,000 00 | |
| Paid one year's interest on Western Maryland Railroad loan 1902 | 60,000 00 | |
| Paid interest on Western Maryland Railroad Guaranteed Bonds | 70,215 00 | |
| Paid on account of Depot for Western Maryland Railroad Terminal Co., as authorized by Ordinance No. 92 of 1882 | 36,163 81 | |
| Purchased ground-rent on Grammar School No. 17 | 3,487 50 | |
| Paid sundry expenses | 1,278 23 | |
| | | $551,927 27 |
| *By Public Park Sink'g Fund:* | | |
| Purchased $31,000 of City 4 per cent. stock | | 35,185 00 |
| *By Hillen Station Sink'g Fund:* | | |
| Purchased $3,000 of City 4 per cent. stock | | 3,405 00 |
| Amount carried forward | | $590,517 27 |

STATEMENT

Dr. *The Commissioners of Finance in account with*

| | | |
|---|---|---|
| Amounts brought forward.. | | $698,540 43 |
| Received from Union Railway Company ..... | $837 51 | |
| | | 36,739 74 |
| *To Hillen Station Sinking Fund:* | | |
| Received for interest on stock. | $730 00 | |
| Received from Western Maryland Railroad Company ..... | 2,000 00 | |
| | | $2,730 00 |
| *To Western Maryland R. R. Loan 1925 Sinking Fund:* | | |
| Received for premium on $131,000, Western Maryland Railroad Loan 1925, as per Ordinance No. 71 of 1882..... | | 13,100 00 |
| *To West. Md. R. R. Terminal Co. Depot Sinking Fund:* | | |
| Received of Western Maryland R. R. Terminal Company... | | 1,507 75 |
| *To Enoch Pratt Free Library Sinking Fund:* | | |
| Received of Mayor and City Council ..... ..... | 833,333 33 | |
| Received for interest on stock. | 11,775 58 | |
| | | 845,108 91 |
| *To Baltimore and Ohio Railroad Dividends:* | | |
| Received for dividends on stock, 10 per cent..... | | 325,000 00 |
| | | $1,922,726 83 |

No. 1.

*the Mayor and City Council of Baltimore.* Cr.

| | | |
|---|---|---|
| Amount brought forward. | | $590,517 27 |
| *By Western Maryland R. R. Loan 1925 Sinking Fund:* | | |
| Purchased $21,800 of City 4 per cent. stock | $23,980 00 | |
| Paid for advertising | 23 20 | |
| | | 24,003 20 |
| *By Enoch Pratt Free Library Sinking Fund:* | | |
| Purchased $78,533.33 of City 5 per cent. stock | 78,533 33 | |
| Purchased $754,800 of City 4 per cent. stock | 754,800 00 | |
| Purchased $2,500 of City 4 per cent. stock | 2,837 50 | |
| | | 836,170 83 |
| *By redemption of Water Loan, 1875:* | | |
| Paid for $3,000 Water Stock, 1875, redeemed | | 3,000 00 |
| *By Baltimore and Ohio Railroad Dividends:* | | |
| Paid Mayor and City Council for interest on stock debt | | 325,000 00 |
| By balance, cash in bank to credit of Sinking funds | 142,195 53 | |
| By balance, cash in bank to credit of Water Loan, 1875. | 1,840 00 | |
| | | 144,035 53 |
| | | $1,922,726 83 |

## STATEMENT No. 2.

The Commissioners of Finance shall invest in City Stock all moneys in their hands, or to their credit in bank, received for the sale or rent of city property pledged for the redemption of the public debt; and shall also invest all moneys that may hereafter be received from the above-mentioned sources, as well as all interest accruing thereon from time to time, and report to the City Council the amount purchased, and the dates and prices at which they were purchased—Article XLII, Baltimore City Code, Section 13.

| Date. | Sinking Fund. | Amount Purchased. | Description of Stock. | Amount Paid. |
|---|---|---|---|---|
| 1883. | | | | |
| Jan. 8 | General | $ 10,000 00 | 5 per ct. Jones' Falls loan 1900 | 10,000 00 |
| Mar. 19 | " | 5,000 00 | Patterson Park Ex'tn Loan | 5,000 00 |
| July 26 | " | 109,200 00 | West. Md. R. R. Loan 1925 | 120,120 00 |
| " 26 | West. Md. R. R. Loan 1925 | 21,800 00 | " " " " | 23,980 00 |
| Dec. 15 | General | 163,500 00 | Paving Loan 1920 | 185,572 50 |
| " 15 | Public Park | 31,000 00 | " " " | 35,185 00 |
| " 15 | Hillen Station | 3,000 00 | " " " | 3,405 00 |
| " 31 | General | 90 23 | Fractions of Stock at par | 90 23 |
| | | $343,590 23 | | $383,352 73 |

## RECAPITULATION.

| DATE. | SINKING FUND. | AMOUNT PURCHASED. | DESCRIPTION OF STOCK. | AMOUNT PAID. |
|---|---|---|---|---|
| 1883. | | | | |
| Dec. 31 | General..... | $ 10,000 00 | Five per cent. Stock..... | $ 10,000 00 |
| " 31 | " ..... | 277,700 00 | Four " " ..... | 310,692 50 |
| " 31 | " ..... | 90 23 | Fractions of City Stock. .... | 90 23 |
| " 31 | Public Park..... | 31,000 00 | Four per cent. Stock..... | 35,185 00 |
| " 31 | Hillen Station..... | 3,000 00 | " " " ..... | 3,405 00 |
| " 31 | West. Md. R. R. Loan 1925 | 21,800 00 | " " " ..... | 23,980 00 |
| | | $343,590 23 | | $383,352 73 |

STATEMENT No. 3.

*Condition of Sinking Funds December* 31, 1883.

| | |
|---|---|
| *General Sinking Fund:* | |
| Consolidated Loan, 1890, 6 per cent. stock | $82,155 63 |
| Five Million Loan, 1890, 6 per cent. stock | 122,829 30 |
| City Hall Loan, 1884, 6 per cent. stock | 300,300 00 |
| City Hall Loan, 1900, 6 per cent. stock | 56,600 00 |
| City Hall Loan, 1902, 6 per cent. stock | 13,400 00 |
| Funding Loan, 1900, 6 per cent. stock | 134,600 00 |
| One Million Loan, 1866, 6 per cent. stock | 18,979 96 |
| Western Maryland Railroad Loan, 1902, 6 per cent. stock | 20,800 00 |
| Park Improvement Loan, 1895, 6 per cent. stock | 72,158 80 |
| Public Park Loan, 1890, 6 per cent. stock | 10,509 68 |
| Consolidated Loan, 1893, 6 per cent. stock | 1,250,341 38 |
| Exempt Loan, 1893, 6 per cent. stock | 353 87 |
| Amount carried forward, | $2,083,028 62 |

| | | |
|---|---|---|
| Amount brought forward.. | $2,083,028 62 | |
| Valley Railroad Loan, 1886, 6 per cent. stock..... | 636,600 00 | |
| Jones' Falls Loan, 1900, 6 per cent. stock..... | 5,100 00 | |
| | | $2,724,728 62 |
| Jones' Falls Loan, 1900, 5 per cent. stock..... | 320,500 00 | |
| Consolidated Loan, 1885, 5 per cent. stock..... | 439,005 45 | |
| Water Loan, 1894, 5 per cent. stock..... | 1,729,800 00 | |
| Water Loan, 1916, 5 per cent. stock..... | 7,400 00 | |
| Funding Loan, 1916, 5 per cent stock..... | 223,500 00 | |
| | | 2,720,205 45 |
| Harford Run Improvement Loan, 1920, 4 per cent. stock..... | 36,000 00 | |
| Paving Loan, 1920, 4 per cent stock..... | 308,500 00 | |
| Western Maryland Railroad Loan, 1925, 4 per cent. stock..... | 109,200 00 | |
| Patterson Park Extension Loan, 1920, 4 per cent. stock..... | 5,000 00 | |
| | | 458,700 00 |
| Union Railroad Guaranteed Bonds..... | | 87,500 00 |
| Western Maryland Railroad Guaranteed Bonds..... | 423,500 00 | |
| Amounts carried forward. | $423,500 00 | $3,991,134 07 |

| | | |
|---|---|---|
| Amounts brought forward. | $423,500 00 | $3,991,134 07 |
| Western Maryland Second Preferred Bonds..... | 178,500 00 | |
| Western Maryland Railroad Funding Certificates..... | 226,530 00 | |
| Western Maryland Railroad Unendorsed Coupons of First Mortgaged Bonds.. | 71,742 00 | |
| | | 900,272 00 |
| Amount of obligation of the Baltimore and Ohio Railroad Company received for the claim of the city against the Pittsburg and Connellsville Railroad, as authorized by Ordinance No. 47 of 1875..... | 1,000,000 00 | |
| Less payment on account of the same made to the city by the Baltimore and Ohio Railroad Company. | 320,000 00 | |
| | | 680,000 00 |
| Hillen Street Station Property..... | 200,000 00 | |
| Less amount of Hillen Street Station Sinking Fund set apart for the repayment of the cost thereof..... | 17,785 66 | |
| | | 182,214 34 |
| Amount carried forward. | | $5,753,620 41 |

| | | |
|---|---|---|
| Amount brought forward. | | $5,753,620 41 |
| Amount invested in Depot Property of Western Maryland Railroad Terminal Company as per Ordinance No. 92 of 1882. | $131,163 81 | |
| Less amount of Western Maryland Railroad Terminal Co. Depot Sinking Fund set apart for the repayment of the same. | 1,507 75 | |
| | | 129,656 06 |
| Ground Rents, purchase of which was authorized by Ordinance No. 81 of 1881 | | 179,214 49 |
| Cash | | 127,805 37 |
| | | $8,190,296 33 |

*Public Park Sinking Fund:*

| | | |
|---|---|---|
| Consolidated Loan, 1890, 6 per cent. stock | $200 00 | |
| City Hall Loan, 1884, 6 per cent. stock | 18,900 00 | |
| City Hall Loan, 1900, 6 per cent. stock | 8,000 00 | |
| Funding Loan, 1900, 6 per cent stock | 1,200 00 | |
| One Million Loan, 1886, 6 per cent. stock | 1,200 00 | |
| Park Improvement Loan, 1895, 6 per cent. stock. | 9,600 00 | |
| Amount carried forward. | $39,100 00 | |

| | | |
|---|---|---|
| Amount brought forward. | $39,100 00 | |
| Public Park Loan, 1890, 6 per cent. stock..... | 4,300 00 | |
| Consolidated Loan, 1893, 6 per cent. stock..... | 132,800 00 | |
| Valley Railroad Loan, 1886, 6 per cent. stock. | 29,600 00 | |
| | | $205,800 00 |
| Jones' Falls Loan, 1900, 5 per cent. stock..... | 95,000 00 | |
| Water Loan, 1894, 5 per cent. stock..... | 93,500 00 | |
| Funding Loan, 1916, 5 per cent. stock..... | 16,000 00 | |
| | | 204,500 00 |
| Harford Run Improvement Loan, 1920, 4 per cent. stock..... | 14,000 00 | |
| Paving Loan, 1920, 4 per cent. stock..... | 31,000 00 | |
| | | 45,000 00 |
| Cash..... | | 3,378 72 |
| | | $458,678 72 |

*Hillen Station Sinking Fund:*

| | | |
|---|---|---|
| Jones' Falls Loan, 1900, 5 per cent. stock..... | 8,000 00 | |
| Water Loan, 1894, 5 per cent. stock..... | 4,700 00 | |
| Funding Loan, 1916, 5 per cent. stock..... | 1,900 00 | |
| | | 14,600 00 |
| Amount carried forward. | | $14,600 00 |

| | |
|---|---|
| Amount brought forward. | $14,600 00 |
| Paving Loan, 1920, 4 per cent. stock | 3,000 00 |
| Cash | 185 66 |
| | $17,785 66 |

*Western Maryland R. R. Loan, 1925, Sinking Fund:*

| | |
|---|---|
| Western Maryland Railroad Loan, 1925, 4 per cent. stock | $21,800 00 |
| Cash | 379 95 |
| | $22,179 95 |

*Western Maryland R. R. Terminal Company Depot Sinking Fund:*

| | |
|---|---|
| Cash | $1,507 75 |

*Recapitulation.*

| | |
|---|---|
| General Sinking Fund | $8,190,296 33 |
| Public Park Sinking Fund | 458,678 72 |
| Hillen Station Sinking Fund | 17,785 66 |
| Western Maryland Railroad Loan, 1925, Sinking Fund | 22,179 95 |
| Western Maryland Railroad Terminal Company Depot Sinking Fund | 1,507 75 |
| | $8,690,448 41 |

*Statement of the Condition of the Enoch Pratt Free Library Sinking Fund, held in trust by the Commissioners of Finance, as per Ordinance No. 64 of 1883:*

| | | |
|---|---|---|
| Jones' Falls Loan, 1900, 5 per cent. stock..... | $78,500 00 | |
| Consolidated Loan, 1885, 5 per cent. stock..... | 33 33 | |
| | | $78,533 33 |
| Water Loan, 1922, 4 per cent. stock..... | 500,000 00 | |
| Patterson Park Extension Loan, 4 per cent. stock... | 195,000 00 | |
| Paving Loan, 1920, 4 per cent. stock..... | 62,300 00 | |
| | | 757,300 00 |
| Cash..... | | 8,938 08 |
| | | $844,771 41 |

## STATEMENT No. 4.

*A Schedule of Real Estate and Ground Rents upon the Books of the Commissioners of Finance.*

| LESSEE. | LOCATION OF LOTS. | ANNUAL RENTAL. |
|---|---|---|
| Swain & Banks | Lots 9, 10, 11, 12, President street | $452 25 |
| C. S. Maltby | Lots 24, 25, 26, 27, 28, 29, 30, south side Block st. | 721 88 |
| " " | 42 feet south side Block street | 189 00 |
| Joseph Kaufman | Lots 1, 2, 3, 4, 5, 6, Brown street | 150 00 |
| William Groscup | Lot 7, Brown street | 33 60 |
| C. L. Frank | Lot 8, " | 19 20 |
| Joseph Baumgarten | Lot 9, " | 26 32 |
| Wm. Kleinhenn | Lot 10, " | 26 32 |
| Anton Young | Lots 11, 12, " | 52 64 |
| Charles N. Oehm | Lot 13, " | 26 32 |
| H. Klausmyer | Lot 14, " | 25 48 |
| Catharine Karch | Lot 15, " | 26 32 |
| N. Thomas & Co | Lots 17, 18, " | 52 64 |
| Frederick Kull | Lot 19, " | 19 20 |
| George Wimmer | Lot 20, " | 20 32 |
| E. Snellenberg | Lots 21, 22, " | 54 49 |
| J. A. G. Goetz | Lot 23, " | 29 60 |
| August Pfeil | Lot 25, " | 29 60 |
| Francis Schott | Lot 29, " | 26 32 |

| | | | |
|---|---|---|---|
| August Pfeil | Lot southwest corner Light and Brown streets. | | $78 06 |
| George Hickman | " " " Fayette and Arch sts. | | 52 00 |
| Wilson & Hunting | Lots 5, 6, 7, 8, west side President street | | 502 50 |
| John G. Huck | Lot on Light street | | 75 70 |
| Platt & Co | Fish House Property, south side of the Basin | | 1,457 00 |
| Balto. & Phila. Steamboat Company | 200 feet on Light street wharf | | 3,600 00 |
| | | | $7,746 76 |

*Ground Rents purchased by authority of Ordinance* 81 *of* 1881.

| | | | |
|---|---|---|---|
| Comm'rs of Public Schools. | Lot corner Hollins and Monroe sts. | $750 00 | |
| " " " | " " Howard and Little Montgomery streets | 120 00 | |
| " " " | Lot cor. Penna. ave. and Robert st. | 86 00 | |
| " " " | Lot on Park ave. near Preston street. | 549 00 | |
| " " " | " " Waesche st., near Fremont st. | 480 00 | |
| " " " | " " Castle street | 209 25 | |
| Mayor and City Council | Lot cor. Monument and Chester sts. | 1,200 00 | |
| " " " | Collington Square | 960 00 | |
| " " " | Perkins' Spring Square | 2,052 00 | |
| " " " | Riverside Park | 3,770 62 | |
| | Purchased at a cost of $179,214.45 | | $10,176 87 |
| | | | $17,923 63 |

## STATEMENT No. 5.

*Statement of Funded Debt, December 31, 1882.*

| Loan. | Rate. | When Payable. | Amount. |
|---|---|---|---|
| Consolidated | 5 per cent. | At pleasure after the year 1885 | $1,029,061 54 |
| " | 6 " | " " July 1, 1890 | 7,306,546 22 |
| Public Park | 6 " | " " Sept. 1, 1890 | 555,566 25 |
| Exempt | 6 " | " " Sept. 1, 1893 | 410,353 87 |
| Water | 6 " | " " July 1, 1894 | 263,000 00 |
| " | 5 " | " " July 1, 1894 | 3,737,000 00 |
| Funding | 6 " | " " July 1, 1900 | 800,000 00 |
| " | 5 " | " " July 1, 1916 | 1,000,000 00 |
| Water | 5 " | " " July 1, 1916 | 5,000,000 00 |
| Harford Run Improvement | 4 " | " " January 1, 1920 | 250,000 00 |
| Paving | 4 " | " " November 1, 1920 | 404,800 00 |
| Water | 4 " | " " November 1, 1922 | 500,000 00 |
| City Hall | 6 " | July 1, 1884 | 1,000,000 00 |
| One Million | 6 " | January 1, 1886 | 1,000,000 00 |
| Valley Railroad | 6 " | October 31, 1886 | 1,015,300 00 |
| Five Million | 6 " | January 1, 1890 | 5,000,000 00 |
| Consolidated | 6 " | September 1, 1893 | 2,211,068 05 |
| Park Improvement | 6 " | January 1, 1895 | 185,723 80 |
| City Hall | 6 " | April 15, 1900 | 1,000,000 00 |

| | | | | |
|---|---|---|---|---|
| Jones' Falls | 6 per cent. | April 9, 1900 | | 800,000 00 |
| " " | 5 " | April 9, 1900 | | 957,000 00 |
| Wes. Maryland R. R | 6 " | January 1, 1902 | | 1,000,000 00 |
| City Hall | 6 " | March 7, 1902 | | 500,000 00 |
| West. Maryland R. R | 4 " | July 1, 1925 | | 502,000 00 |
| Patterson Park Ex | 4 " | October 1, 1920 | | 200,000 00 |
| Water | 6 " | No interest allowed | | 1,840 00 |
| Overdue stock | 6 " | " " | | 732 00 |
| | | | | $36,629,991 73 |

STATEMENT No. 5—Concluded.

*Statement of Guaranteed Debt, December* 31, 1883.

| | | |
|---|---|---|
| Bonds of the Western Maryland Railroad Company: | | |
| First Mortgage to mature January 1, 1890..... | $200,000 00 | |
| Second Mortgage to mature January 1, 1890..... | 300,000 00 | |
| Third Mortgage to mature January 1, 1900..... | 875,000 00 | |
| | | $1,375,000 00 |
| Of which the Register of the City holds in the Western Maryland Railroad Sinking-ing Fund.....$168,500.00 | | |
| Bonds of the Union Railroad Company to mature January 1, 1895..... | | 117,000 00 |
| Of which the Commissioners of Finance hold in the General Sinking Fund, $87,500.00 | | |
| Total Guaranteed Debt.... | | $1,492,000 00 |

## STATEMENT No. 6.

*Balance Sheet of Sinking Funds' Ledger, December 31, 1883.*

| | Dr. | Cr. |
|---|---|---|
| General Sinking Fund..... | | $127,805 37 |
| Public Park Sinking Fund.... | | 3,378 72 |
| Western Maryland R. R. Loan 1925, Sinking Fund..... | | 379 95 |
| Hillen Station Sinking Fund.. | | 185 66 |
| Enoch Pratt Free Library Sinking Fund..... | | 8,938 08 |
| Western Maryland R. R. Terminal Depot Sinking Fund... | | 1,507 75 |
| Redemption of Water Loan, 1875 ..... | | 1,840 00 |
| Cash..... | 144,035 53 | |
| | $144,035 53 | $144,035 53 |

## STATEMENT No. 7.

Statement of the indebtedness of the Western Maryland Railroad Company to the Mayor and City Council of Baltimore, December 31, 1883.

| | | |
|---|---|---|
| First mortgage endorsement. | | $200,000 00 |
| Second mortgage endorsement..... | $300,000 00 | |
| Interest thereon to January 1, 1884..... | 270,000 00 | |
| | | 570,000 00 |
| Second preferred mortgage bonds held by Commissioners of Finance..... | | 178,500 00 |
| Third mortgage endorsement | $875,000 00 | |
| Interest thereon to January 1, 1884..... | 682,500 00 | |
| | | 1,557,500 00 |
| Fourth mortgage to secure loan of City stock..... | $1,000,000 00 | |
| Interest thereon to January 1, 1884..... | 690,000 00 | |
| | | 1,690,000 00 |
| Amount carried forward.. | | $4,196,000 00 |

| | | |
|---|---|---|
| Amount brought forward.. | | $4,196,000 00 |
| Loan of the city stock authorized by Ordinance 71, 1882. | | 502,000 00 |
| Funding certificates, being amount of matured coupons of first mortgage bonds and second preferred mortgage bonds, funded as per Ordinance No. 22, of 1879..... | $226,530 00 | |
| Interest thereon from July 1, 1883, to January 1, 1884.. | 6,795 90 | |
| | | $233,325 90 |
| Coupons from unendorsed bonds of first mortgage held by Commissioners of Finance..... | $71,742 00 | |
| Interest due thereon to January 1, 1884..... | 35,075 53 | |
| | | 106,817 53 |
| | | $5,038,143 43 |
| Less value of Western Maryland Railroad sinking fund..... | | 224,491 97 |
| | | $4,813,651 46 |

## STATEMENT No. 8.

A Statement of the Total Liabilities of the Western Maryland Railroad Company, December 31, 1883.

| | | | |
|---|---|---|---|
| *First and Preferred Second Mortgages in the hands of individuals:* | | | |
| First mortgage | $400,000 00 | | |
| Preferred second mortgage | 421,500 00 | | |
| Funded coupons | 319,476 00 | | |
| | | | $1,140,976 00 |
| *City's interest in and liability on account of First and Preferred Second Mortgage:* | | | |
| First mortgage endorsement | $200,000 00 | | |
| Preferred second mortgage bonds purchased | 178,500 00 | | |
| First mortgage coupons (not funded) | 71,742 00 | | |
| Interest on above coupons | 35,075 53 | | |
| Funding certificates | 226,530 00 | | |
| Interest on funding certificates from July 1, 1883 | 6,795 90 | | |
| | $718,643 43 | | |
| Less sinking fund in hands of Register of the city | 224,491 97 | | |
| | | | 494,151 46 |
| Total first and preferred second | | | $1,635,127 46 |

| | | |
|---|---|---|
| *Second Mortgage:* | | |
| City's endorsement..... | $300,000 00 | |
| Accrued interest..... | 270,000 00 | |
| | | $570,000 00 |
| Washington county endorsement..... | $300,000 00 | |
| Accrued interest..... | 270,000 00 | |
| | | $570,000 00 |
| *Third Mortgage:* | | |
| City's endorsement..... | $875,000 00 | |
| Accrued interest..... | 682,500 00 | |
| | | $1,557,500 00 |
| *Fourth Mortgage:* | | |
| City stock loaned..... | $1,000,000 00 | |
| Accrued interest..... | 690,000 00 | |
| | | $1,690,000 00 |
| Loan of city stock authorized by Ordinance No. 71 of 1882..... | | $502,000 00 |

## RECAPITULATION.

| | | |
|---|---|---|
| First and Preferred Second (Individuals) | | $1,140,976 00 |
| First and Preferred Second (City) | | 494,151 46 |
| Second Mortgage (City) | | 570,000 00 |
| Second Mortgage (Washington County) | | 570,000 00 |
| Third Mortgage (City) | | 1,557,500 00 |
| Fourth Mortgage (City) | | 1,690,000 00 |
| Loan of City Stock | | 502,000 00 |
| | | $6,524,627 46 |
| Deduct in hands of individuals and Washington County | | 1,710,976 00 |
| City's interest | | $4,813,651 46 |
| *Capital Stock:* | | |
| Owned by the City | $200,000 00 | |
| Owned by Washington Co. | 150,000 00 | |
| Owned by Individuals | 332,250 00 | |
| | | $682,250 00 |

| Name of Issue. | Rate Per Annum. | When Payable. | Where Payable. |
|---|---|---|---|
| Five million loan 1890..... | 6 per cent. | Jan., April, July and Oct. | Nat. Farmers' and Planters' Bank. |
| Consolidated loan 1890..... | 6 " | " " " | " " " |
| City Hall loan 1884..... | 6 " | " " " | " " " |
| " " 1900..... | 6 " | " " " | " " " |
| " " 1902..... | 6 " | " " " | " " " |
| Funding loan 1900..... | 6 " | " " " | " " " |
| Consolidated loan 1885..... | 5 " | " " " | " " " |
| Valley R. R. loan 1886..... | 6 " | " " " | National Mechanics' Bank. |
| Park improvem't loan 1895. | 6 " | " " " | " " |
| Public Park loan 1890..... | 6 " | Mar., June, Sept. and Dec. | " " |
| Jones' Falls loan 1900..... | 6 " | Feb. May, Aug. and Nov. | " " |
| " " 1900..... | 5 " | " " " | " " |
| One million loan 1886..... | 6 " | January and July..... | " " |
| West. Md. R. R. loan 1902. | 6 " | " " ..... | " " |
| " " 1925. | 4 " | " " ..... | " " |
| Water loan 1916 ..... | 5 " | May and November. ..... | " " |
| " 1894..... | 6 " | " " ..... | " " |
| " 1894..... | 5 " | " " ..... | " " |
| " 1922..... | 4 " | " " ..... | " " |
| Funding loan 1916..... | 5 " | " " ..... | " " |
| Exempt loan 1893..... | 6 " | March and September..... | " " |
| Consolidated loan 1893..... | 6 " | " " ..... | " " |
| Harford Run impr'm't loan. | 4 " | January and July..... | " " |
| Paving loan 1920..... | 4 " | May and November. ..... | " " |
| Patterson Park exten. loan. | 4 " | Jan. April, July and Oct. | " " |

## GUARANTEES.

| Name of Issue. | Rate Per Annum. | When Payable. | Where Payable. |
|---|---|---|---|
| Western Maryland R. R. Company's bonds..... | 6 per cent. | January and July.... | National Mechanics' Bank. |
| Union Railroad Company's bonds..... | 6 " | " " .... | Franklin Bank. |

# ANNUAL REPORT

OF THE

# CITY COMPTROLLER,

TO THE

## MAYOR AND CITY COUNCIL OF BALTIMORE,

*For the Year ending December 31st, 1883.*

# REPORT.

Department of the City Comptroller,

Baltimore, January 2d, 1884.

*To The Honorable The Mayor*

*and City Council of Baltimore:*

Gentlemen:

I have the honor of presenting herewith the report of this department for the fiscal year ending with the 31st of December, 1883.

The following table exhibits the receipts and disbursements of the City Government from the 1st day of January, 1883, to the 31st day of December, 1883, both dates inclusive. The debit and credit sides of this statement represent the receipts and disbursements as they appear on the face of the ledger, or in other words as the respective sums have passed into and out of the City treasury, as exhibited in the journal of the Comptroller's department.

As a proper check upon the financial officers of the City, money cannot find its way into the treasury except by and through the receiving warrant of the Comptroller. This process enables that officer to ascertain at all times the amount of

money that has been paid into the hands of the City Register. Nor can any money be paid out of the treasury except by a warrant on the City Register drawn by the Comptroller. The City Comptroller has no authority to issue his warrant upon the City Register except in the payment of proper authenticated bills which are filed and recorded in the office of the Comptroller. Accounts of receipts and disbursements are entered on the books of both of the financial officers of the City, and if correctly entered the accounts must harmonize.

STATEMENT OF RECEIPTS.

| | | | |
|---|---|---|---|
| From the City Collector, on account of the tax levy for 1883..... | $2,666,021 64 | | |
| " the City Collector, on account of taxes in arrears..... | 996,864 69 | | |
| " the City Collector, on account of interest on taxes in arrears... | 46,732 83 | | |
| " the City Collector, on account of opening, closing, paving and widening of streets and alleys..... | 169,185 80 | | |
| | | 3,878,804 | 96 |
| " market rents and licenses..... ..... | | 50,269 | 53 |
| " rent of public halls..... | | 633 | 00 |
| " Criminal Court amount drawn in error.. | | 125 | 00 |
| " Park Board for Druid Hill and Patterson Parks..... | | 93,149 | 05 |
| " Park Board for Riverside Park..... | | 56 | 95 |
| Amount carried forward..... | | $4,023,038 | 49 |

| | |
|---|---|
| Amount brought forward | $4,023,038 49 |
| From Park Board for Johnston Square | 329 65 |
| " unclaimed damages for opening streets | 194 70 |
| " dividends from turnpike companies | 159 40 |
| " interest | 6 28 |
| " the Trustees of Bayview Asylum for board of inmates and resident students, &c | 1,488 63 |
| " the Pound Master for sale of dogs | 179 04 |
| " the Commissioner of Health for the sale of a horse | 165 00 |
| " Quarantine Hospital fees | 6,266 82 |
| " temporary loans | 702,700 00 |
| " Harbor Board for sale of old material, &c | 112 75 |
| " Water Board for rents, &c | 822,114 92 |
| " the Jail Visitors for board of United States prisoners, hire of prisoners, &c. | 2,659 00 |
| " magistrates for fines for violation of city ordinances | 1,166 00 |
| " judgments and suits, amount paid in error | 2 05 |
| " the Sheriff, the city's proportion of fines. | 1,022 52 |
| " the Commissioner of Street Cleaning for the sale of refuse | 3,514 60 |
| " wharfage by Harbor Masters | 38,253 33 |
| " ground rents due by sundry parties | 1,261 99 |
| " auctioneers for State tax on sales | 7,295 06 |
| " City Librarian for sale of City Codes | 30 00 |
| " sundry parties for injury to street lamps. | 51 75 |
| " the inspection of gas meters | 2,167 25 |
| Amount carried forward | $5,614,179 23 |

| | |
|---|---|
| Amount brought forward | |
| From the sale of certificates of health and sealing papers | $5,614,179 23<br>624 00 |
| " licenses for wagons, carts, billiards, dogs, &c. | 40,542 85 |
| " the railway companies for Park Sinking Fund | 13,606 74 |
| " the sale of property owned by the city | 2,250 00 |
| " the City Librarian for copying an Ordinance | 1 05 |
| " Police Department | 57 87 |
| " tax sales for the redemption of property previously sold | 4,979 16 |
| " City Commissioner, for account of advertising | 142 50 |
| " Fire Marshal, for sale of refuse, &c. | 329 64 |
| " the State of Maryland, for the city's proportion of public school tax | 144,023 29 |
| and from the Secretary of the School Board for the use of books, &c. | 46,443 99 |
| " Western Maryland Railroad Company, its proportion of expense of election | 124 39 |
| " Baltimore County Commissioners, am't returned | 100 00 |
| " salaries | 250 00 |
| " sale of tickets on account of transportation of poor | 3 80 |
| " State tax on city loans | 26,723 11 |
| " Baltimore and Ohio Railroad Company, interest on the $5,000,000 loan | 321,421 00 |
| " Water Board, interest on the water, 1894, 1916 and 1922 loans | 459,296 66 |
| Amount carried forward | $6,675,099 28 |

| | |
|---|---|
| Amount brought forward | $6,675,099 28 |
| From Park Board, interest on public park and extension Patterson Park loans | 35,433 96 |
| " Commissioners of Finance, dividend on the Baltimore and Ohio Railroad Company's stock | 303,588 00 |
| " Western Maryland Railroad, interest on 1925 loan | 17,460 00 |
| " permits and advertising, for erecting sheds, signs, &c | 9,034 27 |
| " the City Commissioner, for permits for vaults and areas | 852 50 |
| " the City Commissioner, for account of Improvement Jones' Falls | 91 39 |
| " the sale of Jones' Falls' Improvement stock of 1900 | 88,500 00 |
| " the City Commissioner, for account of repairs of paved streets | 531 63 |
| " the City Commissioner, for account of repairs of sewers | 1,309 52 |
| " the City Collector, for account of kerbing east side of Pennsylvania ave. | 82 40 |
| " the City Commissioner, for account of Paving Loan of 1920 | 3,790 59 |
| " the sales of Paving Loan 1920 stock | 286,800 00 |
| " intestate estates | 81 62 |
| " the sale of Patterson Park Extension Loan | 200,000 00 |
| " the Sheriff, amount returned on account of Patterson Park extension | 124 00 |
| " Enoch Pratt, on account of the Enoch Pratt Free Library | 833,333 33 |
| Amount carried forward | $8,456,112 49 |

| | |
|---|---|
| Amount brought forward | $8,456,112 49 |
| From the sales of Water Loan 1922 stock | 500,000 00 |
| " the sales of Western Maryland Railroad Loan of 1925 stock | 144,100 00 |
| " sundry parties, account opening, closing and paving streets | 3,102 60 |
| Cash in hands of the City Register January 1, 1883 | 227,609 68 |
| | 9,330,924 77 |

STATEMENT OF DISBURSEMENTS.

| | |
|---|---|
| For cleaning and repairs of markets | 4,890 13 |
| " cleaning and repairs of Hollins, Cross street and Broadway halls | 145 68 |
| " Superior Court | 10,740 60 |
| " Criminal Court | 61,743 60 |
| " Common Pleas Court | 11,369 13 |
| " Baltimore City Court | 11,924 94 |
| " Circuit Court | 4,369 95 |
| " Druid Hill and Patterson Parks | 86,638 43 |
| " Riverside Park | 10,644 89 |
| " Federal Hill Park | 10,768 93 |
| " Johnston Square | 5,230 12 |
| " Harlem do | 3,857 46 |
| " Eutaw Square, 1st Division | 999 58 |
| " " " 2d " | 2,324 91 |
| " Mount Vernon Squares | 1,000 00 |
| " Park Place Square | 1,200 00 |
| " Broadway Squares, 1st Division | 1,798 99 |
| " " " 2d " | 1,999 86 |
| " Madison Square | 1,315 84 |
| Amount carried forward | $232,963 04 |

| | | |
|---|---|---|
| | Amount brought forward..... | $232 963 04 |
| For | Lafayette Square..... | 2,867 90 |
| " | Franklin " ..... | 2,000 00 |
| " | Jackson " ..... | 766 43 |
| " | Perkins Spring..... | 3,984 98 |
| " | Eastern Fountain..... | 1,423 00 |
| " | Ashland Square..... | 115 42 |
| " | Union " ..... | 1,500 00 |
| " | unclaimed damages..... | 125 25 |
| " | interest on loans, etc., and discount on taxes ..... | 102,880 69 |
| " | House of Refuge..... | 17,776 68 |
| " | Bayview Asylum..... | 59,677 65 |
| " | House of Reformation..... | 12,436 00 |
| " | Dispensaries ..... | 5,200 00 |
| " | St. Mary's Industrial School..... | 22,101 75 |
| " | Mount Hope Retreat..... | 22,305 43 |
| " | University of Maryland..... | 4,236 13 |
| " | Washington University..... | 4,231 96 |
| " | Deaf and Dumb..... | 441 56 |
| " | Widows and Orphans, War of 1812..... | 300 00 |
| " | Old Defenders, " ..... | 300 00 |
| " | Maryland Hospital for the Insane..... | 22,511 82 |
| " | Female House of Refuge..... | 2,000 00 |
| For | St. Vincent Infant Asylum ..... | 1,375 00 |
| " | Home of the Friendless..... | 1,500 00 |
| " | Nursery and Child's Hospitals..... | 1,497 00 |
| " | the Dog Pound..... | 1,143 75 |
| " | Health Department, general..... | 130,552 16 |
| " | " salaries..... | 26,862 51 |
| | Amount carried forward..... | $685,076 11 |

| | | |
|---|---|---|
| | Amount brought forward | $685,076 11 |
| For | Quarantine Hospital | 25,800 12 |
| " | temporary loans | 906,354 82 |
| " | nuisances | 6,897 03 |
| " | cleaning streets | 229,994 48 |
| " | post mortems | 600 00 |
| " | City Collector, expenses of office | 43,917 94 |
| " | Harbor Board | 50,908 80 |
| " | iceboat F. C. Latrobe | 9,987 51 |
| " | repairs of wharves | 3,394 90 |
| " | " to City Dock | 8,861 03 |
| " | Water Board | 812,226 13 |
| " | permanent water supply | 2,800 00 |
| " | expenses of registration | 11,749 22 |
| " | coroners | 2,400 00 |
| " | expenses of the Jail | 49,999 84 |
| " | salaries of magistrates and substitutes | 12,999 00 |
| " | judgments and suits | 15,323 29 |
| " | removed cases | 2,384 80 |
| " | commissions and incidentals of the Harbor Masters | 9,256 44 |
| " | ground rents due by the city | 3,783 20 |
| " | lamp pillars and lamps | 21,999 19 |
| " | gas and electric lights | 197,962 32 |
| " | general license | 1,359 67 |
| " | Park Sinking Fund | 13,606 74 |
| " | expenses of the Mayor's office | 1,490 37 |
| " | sale of city property | 213 20 |
| " | City Librarian | 7,497 43 |
| " | salaries and incidentals of the City Council | 52,487 11 |
| " | the police department | 607,859 78 |
| | Amount carried forward | $3,799,190 47 |

| | |
|---|---|
| Amount brought forward | $3,799,190 47 |
| For tax sales | 2,269 78 |
| " refunded taxes | 3,997 88 |
| " public printing | 4,032 95 |
| " expenses of the Fire Department | 184,868 12 |
| " public schools | 584,080 07 |
| " State and city elections | 11,950 03 |
| For expenses of the Supervisors of Elections | 2,260 78 |
| " special appropriations | 2,075 23 |
| " expenses of the Court House and Record office | 4,499 02 |
| " general expense | 1,511 98 |
| " expense of Old Masonic Hall | 2,999 42 |
| " Commissioners for Opening Streets | 114 40 |
| " salaries of lamplighters | 45,864 00 |
| " salaries of city officers | 68,665 62 |
| " Superintendent of the City Hall | 14,999 02 |
| " transportation to House of Correction | 163 00 |
| " carrying poor to homes | 923 61 |
| " State tax on city loans | 37,014 62 |
| " interest on the stock debt | 1,880,228 48 |
| " Inspector of Buildings | 5,735 99 |
| " Appeal Tax Court | 427 86 |
| " repairs of public schools | 9,997 93 |
| " repairs of monuments | 779 50 |
| " railing on front portico and stairways of the City Hall | 1,150 00 |
| " repairs to City Hall | 4,394 61 |
| " " " court houses | 1,257 02 |
| " " " market houses | 2,878 07 |
| " " " engine houses | 5,464 41 |
| Amount carried forward | $6,683,793 87 |

| | |
|---|---|
| Amount brought forward | $6,683,793 87 |
| For cleaning cess-pools of public schools | 1,497 50 |
| " building temporary pest hospitals | 5,212 62 |
| " " Quarantine Hospital | 11,052 80 |
| " " addition to Bayview Asylum | 9,800 41 |
| " insurance of Quarantine Hospital | 400 00 |
| " erection of Armistead Monument | 2,000 00 |
| " building Male and Female Primary School No. 14 | 6,546 00 |
| " Orphan's Court | 7,709 25 |
| " Supreme Bench | 2,650 00 |
| " permits for sheds, signs, &c | 1,345 31 |
| " colored schools | 65,318 64 |
| " salaries, &c., of the City Commissioner's office | 9,723 00 |
| " Improvement Jones' Falls | 57,984 39 |
| " repairs of paved streets | 73,996 94 |
| " " " bridges | 6,783 86 |
| " " " unpaved streets | 1,337 23 |
| " " " sewers | 9,982 12 |
| " improvement of Harford Run | 20,368 25 |
| " Harford Run sewer | 8,998 18 |
| For Light street bridge | 1,033 44 |
| " Fremont street sewer | 75 00 |
| " trapping sewers at Baltimore and Ann streets and Pennsylvania avenue | 1,300 00 |
| " changing grade of Preston street | 3,983 94 |
| " kerbing east side of Pennsylvania avenue | 80 00 |
| " iron plates for gutters | 1,974 83 |
| " Paving Loan of 1920 | 391,530 99 |
| " paving in front of city property | 999 27 |
| Amount carried forward | $7,387,477 84 |

| | |
|---|---|
| Amount brought fyrward | $7,387,477 84 |
| For flag and stepping stones | 7,993 60 |
| " General Superintendent of Lamps | 300 00 |
| " cross streets | 9,769 13 |
| " repairs of Harford Run sewer | 7,661 81 |
| " repairs of City Jail | 1,597 15 |
| " Maryland Institute | 6,000 00 |
| " Patterson Park extension | 134,088 01 |
| " widening channel of the Spring Gardens | 9,999 93 |
| " shelling Warner street | 193 15 |
| " building Male and Female Grammar School No. 11 | 9,429 26 |
| " Taney Place | 223 47 |
| " insurance of Bayview Asylum | 855 00 |
| " Baker Circle | 120 00 |
| " winding Maryland Institute clock | 75 00 |
| " ringing Mechanics' bells | 300 00 |
| " ice boat Maryland | 10,000 00 |
| " new fire plugs, fountains and extra mains | 5,000 00 |
| " Tivoli disaster of 1883 | 2,233 50 |
| " Boys' Home Society | 2,500 00 |
| " St. Elizabeth's Colored Orphan Asylum | 375 00 |
| " Enoch Pratt Free Library | 845,833 33 |
| " Water Loan of 1922 | 259,134 67 |
| " Western Maryland Railroad, loan of 1925 | 144,100 00 |
| " changing grade of Fulton avenue | 11 00 |
| " damages and incidental expenses in connection with opening streets | 121,397 11 |
| " paving streets | 68,264 33 |
| Balance in hands of the City Register, Dec. 31, 1883 | 295,992 48 |
| | $9,330,924 77 |

REMARKS.

*Expenses of the several Courts of the City for the years of* 1882 *and* 1883 *respectively.*

| | Expenses of 1882. | Expenses of 1883. |
|---|---|---|
| Superior Court..... | $14,171 14 | $10,740 60 |
| Court Common Pleas... | 13,783 81 | 11,369 13 |
| Circuit Court..... | 7,954 40 | 4,369 95 |
| Baltimore City Court... | 15,242 24 | 11,924 94 |
| Criminal Court..... | 54,502 14 | 61,618 60 |

From the foregoing it may be perceived that the expenses of the Superior Court have been diminished.....$3,430 54
The Court of Common Pleas " ..... 2,414 68
The Circuit Court " " ..... 3,584 45
Baltimore City Court " " ..... 3,317 30

Aggregate decrease of expenses in the four courts...$12,746 97
The expenses of the Criminal Court have increased... 7,116 46

In the year 1883 the expenses of all the Courts have been materially diminished, the Criminal Court excepted. The greater portion of the increase of expenses in the last named Court was the result of appearance fees that were paid to Attorneys for defending parties that were indicted for infractions of the Criminal laws of the State. The amount paid on this account during the year was $4,231 54. Very many of the cases, for which appearance fees were allowed, were abandoned by the State without trial, and in some instances where the same party was arraigned on four or five indictments, a fee of ten dollars was charged on each indictment. It appears to me that the matter of these charges is unjust to the City, and threatens, from a variety of considerations, to become very expensive to the City. The Statute which appears to sustain the ***recent*** practice of allowing such fees should, in my judgment,

be repealed by the State Legislature now in session. I take the liberty of commending the subject to the consideration of the City Council for such action in the premises as its judgment may suggost.

### LICENSE UPON PRIVATE CARRIAGES.

In my annual communications to the Mayor and City Council in 1881 and 1882, I called ths attention of the Legislative authorities of the City to this subject, and recommended that the ordinance making such license be either repealed, or amended in such form as to give effect to the purpose for which it was adopted. The ordinance as it now stands will, in my judgment, within a very brief period fail to produce any revenue whatever, for the reason that neither the Executive officer of the City nor the Police Department has the temerity, because of its obnoxious features, to enforce its provisions.

The ordinance was adopted on the 6th of May, 1880. During that year the revenue derived therefrom was $10,702 50
In 1881 the revenue was..... 6,639 92
In 1882 the revenue was..... 2,954 50
In 1883 the revenue was but..... 1,661 25

It is only the few who are conscientious as to the observance of all laws, whether they be just or unjust, that take out such license, and therefore it appears manifestly unjust to continue in existence an ordinance which in its operations is offensively partial.

### DEPARTMENT OF MARKETS.

It is not an imputation upon the integrity of the officers of any department of the public service to surround the position with such checks or safeguards as the human sagacity may, from time to time, suggest, for the protection of the public revenue either in the receipts or disbursements in that con-

nection. This theory of protection prevails, as far as practicable, in all of the departments of the City Government. In connection with the public markets I respectfully suggest the adoption of an ordinance requiring the clerks of the several markets to report to the City Comptroller annually on the first Monday in January, the names of the owners of butchers, permanent and eave stalls, the annual rent and license which each owner is required to pay, the amount paid by each during the year, and amount for which each is delinquent in payment. And that they also be required to report at the same time the names of the occupants of space stalls or street stands, the amount required of such occupants severally per year, whether as license or rental, the amount received from each of said occupants during the year, and the sum remaining unpaid by each party.

In consideration of the increase of labor involved in the fulfillment of such an ordinance, I respectfully suggest that the salaries of the clerks of the several markets be increased in proportion to the additional labor it will require to perform the service aforesaid. The present salaries of the clerks of the several markets are not even now commensurate with the labors and responsibilities of the office.

## CITY PROPERTY.

In pursuance of Resolution No. 37 of the Mayor and City Council, approved March 17th, 1883, I offered at public auction Primary School building No. 14, that had been abandoned, on North Eutaw street near Preston street. It was subject to an annual ground rent of two hundred dollars. In consequence of the ground rent covering the entire premises it was less desirable for improvement purposes. The sale realized twenty-two hundred and fifty dollars, which sum has been covered into the treasury.

FINANCIAL STATEMENT IN DETAIL.

For information in detail connected financially with the operations of the department of the City Comptroller, I respectfully invite your attention to the subjoined tables :

Table A is a statement of the amount charged and credited to the City Register.

Table B shows the amount of taxes collected during the year and the amount charged to the City Collector for taxes in arrears.

Table C is a statement of the receipts and disbursements of markets, sale of stalls in markets, general licenses, carriage licenses, theatricals, City seals, permits for sheds, signs, &c., vaults and areas, inspecting gas meters, unclaimed damages, City Register in trust, sale of City Codes, City property, auction duties, public halls, refuse, and wharfage accounts.

Table D is a statement of the several Courts, Supreme Bench, removed cases, fines, judgments and suits, Magistrates, Registration and Baltimore City Jail.

Table E is an exhibit of the receipts from Taxes and other sources and payment on account of interest on the State debt, sale of Jones' Falls stock, Paving Loan 1920, stock. Loans, Permanent Water Supply. Water Board, the Sinking Fund, and interest.

Table F is a statement of the receipts and disbursements on account of the Parks and Squares.

Table G is a statement, of the receipts and disbursements on account of the Health Department, Quarantine Hospital, Nuisances, Post Mortems, Harbor Board, Cleaning Streets, City Collector, Appeal Tax Court, City Poor, Dog Pound, Mayoralty, sale of City Property, gasoline lamps, &c., City Council, City Librarian, Tax sales, Police Department, refunded Taxes, Public Printing, Fire Department, Public

Schools, Elections, Supervisors of Elections and special appropriations.

Table H is a statement of amounts appropriated and expended by the Inspector of Buildings and City Commissioner for sundry accounts.

Table I shows the amounts received and paid for opening, closing and widening and for paving streets and alleys.

I have the honor to be,

Very respectfully

Your obedient servant,

JOSHUA VANSANT,

*Comptroller of the City.*

# TABLES.

## TABLE A.

DR. JOHN A. ROBB, *City Register, in account with*

| 1883. | | | |
|---|---|---|---|
| January | 1 | To balance | $227,609 68 |
| January | 31 | To cash | 266,578 34 |
| February | 28 | " | 751,176 99 |
| March | 31 | " | 406,373 47 |
| April | 30 | " | 422,369 81 |
| May | 31 | " | 416,237 72 |
| June | 30 | " | 1,866,430 94 |
| July | 31 | " | 2,272,452 40 |
| August | 31 | " | 198,214 48 |
| September | 30 | " | 271,763 12 |
| October | 31 | " | 557,228 13 |
| November | 30 | " | 689,073 37 |
| December | 31 | " | 985,416 32 |
| | | | $9,330,924 77 |

## TABLE A.

*the Mayor and City Council of Baltimore.* CR.

| 1883. | | | | |
|---|---|---|---|---|
| January | 31 | By Comptroller's Warrants... | $693,875 | 91 |
| February | 28 | " " ... | 466,703 | 93 |
| March | 31 | " " ... | 471,334 | 11 |
| April | 30 | " " ... | 543,378 | 52 |
| May | 31 | " " ... | 1,494,969 | 01 |
| June | 30 | " " ... | 782,350 | 44 |
| July | 31 | " " ... | 1,656,205 | 68 |
| August | 31 | " " ... | 361,125 | 66 |
| September | 30 | " " ... | 407,989 | 82 |
| October | 31 | " " ... | 877,390 | 44 |
| November | 30 | " " ... | 963,826 | 48 |
| December | 31 | " " ... | 315,782 | 29 |
| December | 31 | By balance..... | 295,992 | 48 |
| | | | $9,330,924 | 77 |

TABLE B—Concluded

*Amount charged against City Collector, December* 31, 1883.

| Year. | Levy. | Basis of Taxation. | Amount. |
|---|---|---|---|
| 1880 | $1.37 | $1,743 726 | $23,889 05 |
| 1881 | 1.37 | 4,120,609 | 56,452 34 |
| 1882 | 1.37 | 19,443,37 | 266,374 18 |
| 1883 | 1.50 | 69,640,598 | 1,044,608 97 |
| | | | $1,391,324 54 |

TABLE B.

*Collection of Taxes, Opening of Streets, &c., made by the City Collector for the year ending December* 31, 1883.

| | 1878. | 1879. | 1880. | 1881. | 1882. | 1883. | Total. |
|---|---|---|---|---|---|---|---|
| Police Department | $7 01 | $635 37 | $21.613 61 | $37,545 21 | $107,003 62 | $412,864 98 | $579,669 80 |
| Certain Expenses | 2 70 | 220 99 | 9,726 13 | 17.065 99 | 35,667 89 | 137,621 67 | 200.305 37 |
| Public Schools | 4 58 | 497 25 | 15,129 54 | 29,012 18 | 71,335 79 | 309.648 76 | 425 628 10 |
| City Poor | 1 89 | 138 11 | 6.484 12 | 15,359 38 | 26,750 91 | 137,621 67 | 186,356 08 |
| City Direct | 18 07 | 1,906 13 | 57,276 05 | 93,863 00 | 236,299 65 | 997,756 92 | 1,387,119 82 |
| Miscellaneous Stocks | 14 02 | 635 37 | 33,501 07 | 40,958 37 | 133,754 53 | 516,081 22 | 724,944 58 |
| Opening Streets | 2 97 | 110 50 | 4,322 69 | ..... | ..... | 68,810 85 | 73,247 01 |
| | $51 24 | $4,143 72 | $148,053 21 | $233,804 13 | $610,812 39 | 2,580,406 07 | 3,577,270 76 |
| Interest | 12 56 | 818 20 | 19,726 50 | 21,423 20 | 4,752 37 | ..... ..... | 46,732 83 |
| Discount | ..... .... | ..... | ..... | ..... ..... | ..... | 85,615 57 | 85,615 57 |
| | $63 80 | $4,961 92 | $167,779 71 | $255,227 33 | 615,564 76 | 2,666,021 64 | 3,709,619 16 |
| Opening, Closing and Widening Streets and Alleys | ..... | ..... | ..... | .. .. ..... | ..... | ..... | 35,679 12 |
| Paving Streets and Alleys. | ..... ..... | ..... | ..... . | ..... | ... ..... | ..... .. | 133,506 68 |
| | | | | | | | 3,878 804 96 |

## TABLE C.

*Hanover Market*—George A. Albaugh, Clerk.

| | | |
|---|---|---|
| Butcher stall rents | | $1,246 00 |
| Fish stall rents | | 278 50 |
| Permanent stall rents | | 372 00 |
| Eave stall rents | | 188 00 |
| Street stall rents | | 722 00 |
| Per diem rents | $1,208 46 | |
| Licenses | 1,495 00 | |
| | | 2,703 46 |
| | | $5,509 96 |

TABLE C—Continued.

*Belair Market*—Joseph H. Wright, Clerk.

| | | |
|---|---|---|
| Butcher stall rents | | $2,490 00 |
| Fish stall rents | | 137 00 |
| Permanent stall rents | | 400 00 |
| Eave stall rents | | 198 00 |
| Street stall rents | | 280 00 |
| Gutter stall rents | | 588 00 |
| Movable stall rents | | 150 00 |
| Per diem rents | $1,794 75 | |
| Licenses | 2,145 00 | |
| | | 3,939 75 |
| | | $8,182 75 |

TABLE C—Continued.

*Cross Street Market*—Jas. Graham, Clerk.

| | |
|---|---|
| Butcher stall rents | $ 748 75 |
| Fish stall rents | 140 00 |
| Permanent stall rents | 380 00 |
| Eave stall rents | 405 00 |
| Vegetable stall rents | 220 00 |
| Street eave stall rents | 155 00 |
| Per diem rents | 1,158 65 |
| | $3,207 40 |

TABLE C—Continued.

*Lexington Market*—W. H. Pope, Clerk.

| | | | |
|---|---|---|---|
| Butcher stalls—rent and license... | | | $2,750 00 |
| Fish stalls, " ... | | | 350 00 |
| Permanent stalls, " ... | | | 1,980 00 |
| Eave stalls, " ... | | | 1,540 00 |
| Space stalls, " ... | | | 600 00 |
| Street eave stalls, " ... | | | 310 00 |
| Street stalls, " ... | | | 1,220 00 |
| Movable stalls, " ... | | | 294 00 |
| Per diem rents..... | 2,315 05 | | |
| Confiscated butter..... | 9 40 | | |
| | | 2,324 45 | |
| | | | $11,368 45 |

TABLE C—Continued.

*Centre Market*—Daniel Murray, Clerk.

| | | |
|---|---|---|
| Butcher stalls, rent and license | | $2,102 00 |
| Fish stalls, | " | 276 00 |
| Gutter stalls, | " | 410 00 |
| Permanent stalls | " | 1,089 00 |
| Pave stalls, | " | 800 00 |
| Street eave stalls | " | 140 00 |
| Movable Stalls, | " | 704 00 |
| Per diem rents, | | 2,077 40 |
| Wholesale licenses, | | 100 00 |
| | | $7,698 40 |

TABLE C—Continued.

*Hollins Market*—John O'Keefe, Clerk.

| | | | |
|---|---|---|---|
| Butcher stalls—rent and license... | | | $697 00 |
| Fish stalls, " ... | | | 30 00 |
| Permanent stalls, " ... | | | 200 00 |
| Eave stalls " ... | | | 215 00 |
| Vegetable stalls, " ... | | | 25 00 |
| Street eave stalls, " ... | | | 565 00 |
| End stalls, " ... | | | 55 00 |
| Space stalls, " ... | | | 210 00 |
| Per diem rents..... | 1,453 24 | | |
| Confiscated butter..... | 8 89 | | |
| | | | 1,462 13 |
| | | | $3,459 13 |

TABLE C.—Continued.

*Richmond Market*—A. J. Norris, Clerk.

| | | |
|---|---|---|
| Butcher stalls, rent and license | | $951 78 |
| Permanent stalls, | " | 310 00 |
| Fish stalls, | " | 175 00 |
| Eave stalls, | " | 269 50 |
| Street eave stalls, | " | 25 00 |
| Aisle stalls, | " | 103 25 |
| Movable stalls, | " | 107 00 |
| Space stalls, | " | 575 00 |
| Per diem rents | | 1,162 57 |
| | | $3,679 10 |

TABLE C—Continued.

*Fell's Point Market*—Charles Egleston, Clerk.

| | | |
|---|---|---|
| Butcher stall rents | | $1,765 00 |
| Fish stall rents | | 52 00 |
| Permanent stall rents | | 392 00 |
| Eave stall rents | | 390 00 |
| Street eave stall rents | | 5 00 |
| Movable stall rents | | 59 00 |
| Vegetable stall rents | | 836 00 |
| Per diem rents | $1,520 30 | |
| Licenses | 1,595 00 | |
| Confiscated butter | 370 00 | |
| | | 3,119 00 |
| Institute stalls | | 26 00 |
| | | $6,644 00 |

TABLE C—Continued.

*Lafayette Market*—Thomas Briddell, Clerk.

| | |
|---|---|
| Butter stalls | $ 85 00 |
| Eave stalls | 156 00 |
| Permanent stalls | 132 00 |
| Space stalls | 65 00 |
| Street eave stalls | 150 00 |
| | $439 50 |

TABLE C—Continued.

*Summary of Markets.*

| | Dr. | Cr. |
|---|---|---|
| Hanover Market | | $ 5,509 96 |
| Belair " | | 8,182 75 |
| Cross Street " | | 3,207 40 |
| Lexington " | | 11,368 45 |
| Hollins " | | 3,459 13 |
| Centre " | | 7,698 40 |
| Richmond " | | 3,679 10 |
| Fell's Point " | | 6,644 00 |
| Lafayette " | | 439 50 |
| | | $50,188 69 |
| *Expenses of cleaning, repairs, &c.:* | | |
| Hanover Market | $ 718 96 | |
| Belair " | 673 69 | |
| Cross Street " | 435 75 | |
| Lexington " | 761 20 | |
| Centre " | 653 50 | |
| Richmond " | 415 55 | |
| Fell's Point " | 656 30 | |
| Lafayette " | 244 63 | |
| Hollins " | 330 55 | |
| | | 4,890 13 |
| Net revenue | | $45,298 56 |

TABLE C—Continued.

*Amount received from the sale of Stalls in Markets.*

| | Dr. | Cr. |
|---|---|---|
| Cross Street Market | | $80 84 |
| To balance, December 31, 1883 | $80 84 | |
| | $80 84 | $80 84 |

*General License.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $1,600 00 |
| To amount paid for painting numbers, advertising &c | $1,359 67 | |
| To balance, December 31, 1883 | 240 33 | |
| | $1,600,00 | $1,600 00 |

TABLE C—Continued.

*Receipts from Licenses.*

| | Dr. | Cr. |
|---|---|---|
| Wagons, 1 horse | | $11,569 15 |
| Wagons, 2 horse | | 5,837 85 |
| Wagons, 4 horse | | 316 80 |
| Carriages, 1 horse, 1 seat | | 880 10 |
| Carriages, 1 horse, 2 seats and 2 horses, 1 seat | | 499 00 |
| Carriages, 2 horses, 2 seats | | 282 15 |
| Carts | | 4,539 25 |
| Drays | | 1,234 25 |
| Omnibuses and Cars | | 1,601 70 |
| Hacks | | 1,116 95 |
| Package Carts | | 375 05 |
| Lighters | | 258 15 |
| Bacon | | 3,008 00 |
| Puddings | | 125 45 |
| Merchandise | | 245 85 |
| Cheese | | 60 05 |
| Foreign Fruit | | 362 40 |
| Billiards | | 2,110 40 |
| Bagatelle | | 1,050 75 |
| Ten-pins | | 162 50 |
| Pawnbrokers | | 800 00 |
| Dogs | | 905 35 |
| Coal Oil | | 1,565 70 |
| Theatricals | | 1,636 00 |
| Balance, December 31, 1883 | $40,542 85 | |
| | $40,542 85 | $40,542 85 |

TABLE C—Continued.

*City Seals.*

| | Dr. | Cr. |
|---|---|---|
| By amonnt received from the sale of bills of health, and sealing papers | | $624 00 |
| To balance, December 31, 1883 | $624 00 | |
| | $624 00 | $624 00 |

*Permits for Sheds, Signs, etc.*

| | Dr. | Cr. |
|---|---|---|
| By amount received for permits for the erection of sheds, signs, steam boilers, etc | | $6,317 77 |
| By amount received for advertising | | 2,716 50 |
| To amount paid for advertising | $1,345 31 | |
| To balance, December 31, 1883 | 7,688 96 | |
| | $9,034 27 | $9,034 27 |

TABLE C—Continued.

*Vaults and Areas.*

| | Dr. | Cr. |
|---|---|---|
| By amount received for permits for constructing vaults and areas..... | | $852 50 |
| To balance, December 31, 1883..... . | $852 50 | |
| | $852 50 | $852 50 |

*Inspecting Gas Meters.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from the General Superintendent of Lamps and Sealer of Gas Meters ..... ..... | | $2,167 25 |
| To balance, December 31, 1883..... | $2,167 25 | |
| | $2,167 25 | $2,167 25 |

TACLE C—Continued.

*Unclaimed Damages—City Register in trust.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from opening Wells street | | 194 70 |
| To amount paid for stock for account of opening Wells street | $125 25 | |
| To balance, December 31, 1883 | 69 45 | |
| | $194 70 | $194 70 |

*City Property.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $3,800 00 |
| By sundry parties, for ground rents due the city | | 1,261 99 |
| To amount of ground rents paid to sundry parties | 3,783 20 | |
| To balance, December 31, 1883 | $1,278 79 | |
| | $5,061 99 | $5,061 99 |

TABLE C—Continued.

*Sale of City Codes.*

| | Dr. | Cr. |
|---|---|---|
| By amount received by the City Librarian for the sale of City Codes of 1879 ..... | | $30 |
| To balance, December 31, 1883..... | $30 | |
| | $30 | $30 |

*Auction Duties.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from Auctioneers' State Tax on Sales..... ..... | | $7,295 06 |
| To balance, December 31, 1883..... | 7,295 06 | |
| | $7,295 06 | $7,295 06 |

TABLE C—Continued.

*Refuse.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from the Commissioner of Street Cleaning from sale of street dirt | | $3,514 60 |
| To balance, December 31, 1883 | $3,514 60 | |
| | $3,514 60 | $3,514 60 |

*Public Halls.*

| | Dr. | Cr. |
|---|---|---|
| *Cross Street Hall—* | | |
| By amount received for rent | | $176 00 |
| To amount paid for cleaning, etc | $29 00 | |
| *Hollins Hall—* | | |
| By amount received for rent | | $232 00 |
| To amount paid for cleaning | 44 70 | |
| *Broadway Hall—* | | |
| By amount received for rent | | $225 00 |
| To amount paid for cleaning, etc | 71 98 | |
| To balance, December 31, 1883 | 487 32 | |
| | $633 00 | $633 00 |

## TABLE C—Concluded.

*Collection of Wharfage from January* 1, 1883, *to December* 31, 1883.

| Date. | 1st District. | 2d District. | 3d District. | 4th District. | 5th District. | Aggregate. |
|---|---|---|---|---|---|---|
| January | 73 60 | 308 93 | 611 66 | 560 66 | 1,131 96 | $2,686 81 |
| February | 34 70 | 165 63 | 703 29 | 512 46 | 965 53 | 2,381 61 |
| March | 115 00 | 195 85 | 636 53 | 532 49 | 947 49 | 2,427 36 |
| April | 71 00 | 359 42 | 423 74 | 503 00 | 1,407 26 | 2,764 42 |
| May | 35 25 | 326 98 | 501 02 | 465 00 | 1,717 42 | 3,045 67 |
| June | 97 25 | 509 02 | 501 68 | 448 09 | 2,109 97 | 3,666 01 |
| July | 70 00 | 501 88 | 517 20 | 437 00 | 1,930 28 | 3,456 36 |
| August | 24 00 | 520 70 | 635 66 | 488 00 | 2,057 20 | 3,725 56 |
| September | 91 75 | 540 74 | 751 35 | 705 16 | 1,953 17 | 4,042 17 |
| October | 73 25 | 499 56 | 662 78 | 489 10 | 1,873 61 | 3,598 30 |
| November | 61 25 | 376 91 | 573 21 | 551 00 | 1,740 63 | 3,303 00 |
| December | 112 61 | 284 82 | 562 29 | 548 46 | 1,647 88 | 3,156 06 |
| | $859 66 | $4,590 44 | $7,080 41 | $6,240 42 | $19,482 40 | $38,253 33 |

| | | |
|---|---|---|
| Total collections from January 1 to December 31, 1883 | | $38,253 33 |
| Less amount of commissions paid to Harbor Masters | $7,650 69 | |
| " " paid for rent and incidental expenses | 405 75 | |
| " " " boatmen's salary | 1,200 00 | |
| | | 9,256 44 |
| Net revenue | | $28,993 89 |

## TABLE D.

*Superior Court.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No 26, 1883 | | $250 48 |
| By appropriation, Ordinance No. 26, 1883 | | 10,500 00 |
| To amount paid | | |
| " " Bailiffs | $3,500 00 | |
| " " Clerk | 1,452 12 | |
| " " for Recording Jurors | 1,462 50 | |
| " " Jurors | 3,745 50 | |
| " " for Repairs | 250 48 | |
| " " Janitor | 330 00 | |
| To balance, December 31, 1883 | 9 88 | |
| | $10,750 48 | $10,750 48 |

TABLE D—Continued.

*Criminal Court.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $620 00 |
| By appropriation, Ordinance No. 26, 1883 | | 51,000 00 |
| By appropriation, Resolution No. 168, 1883 | | 10,000 00 |
| To amount paid Bailiffs | $6,875 00 | |
| " " Sheriff | 10,462 25 | |
| " " Clerk | 13,378 18 | |
| " " States Attorney | 9,880 48 | |
| " " for Recording Jurors | 1,027 50 | |
| " " for incidental expenses | 825 00 | |
| " " Grand and Petit Jurors and Witnesses | 14,279 45 | |
| " " to Attorneys for defending parties charged with infraction of the Criminal Laws, | 4,231 54 | |
| To amount paid for Board of Jurors, | 554 50 | |
| To amount paid for Stationery for Grand Jury | 104 70 | |
| To balance, December 31, 1883 | 1 40 | |
| | $61,62000 | $61,620 00 |

TABLE D—Continued.

*Court Common Pleas.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $11,000 00 |
| By appropriation, Resolution No. 124, 1883 | | 200 00 |
| To amount paid Clerk | $1,830 35 | |
| " " Bailiffs | 3,500 00 | |
| " " Watchman | 916 69 | |
| " " Jurors | 4,118 54 | |
| " " for Recording Jurors | 578 65 | |
| " " for stationery | 226 40 | |
| " " for Carpet | 198 50 | |
| By balance, December 31, 1883 | | 169 13 |
| | $11,369 13 | $11,369 13 |

TABLE D—Continued.

*Baltimore City Court.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $13,000 00 |
| To amount paid to Clerk | $2,055 55 | |
| " " Bailiffs | 4,500 00 | |
| " " Sheriffs | 207 60 | |
| " " Jurors | 4,186 50 | |
| " for Recording Jurors | 579 55 | |
| " for Stationery | 262 74 | |
| " for Miscellaneous | 133 00 | |
| To balance, December 31, 1883 | 1,075 06 | |
| | $13,000 00 | $13,000 00 |

TABLE D—Continued.

*Circuit Court.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $6,000 00 |
| By appropriation, Ordinance No. 26, 1883 | | 1,000 00 |
| To amount paid Bailiffs and Messenger | $2,125 00 | |
| To amount paid Watchman | 900 00 | |
| " " for Recording Jurors | 153 85 | |
| " " for Stationery | 191 10 | |
| " " for Copying Dockets | 1,000 00 | |
| To amount transferred to Riverside Park as per Ordinance No. 69, 1883 | 2,630 05 | |
| | $7,000 00 | $7,000 00 |

TABLE D.—Continued.

*Orphans' Court.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $8,100 00 |
| To amount paid to Judges | $5,634 00 | |
| " " Bailiff | 1,252 00 | |
| " " Janitor | 699 95 | |
| " for incidentals | 123 30 | |
| To balance, December 31, 1883 | 390 75 | |
| | $8,100 00 | $8,100 00 |

*Supreme Bench.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $2,650 00 |
| To amount paid Judges | $2,500 00 | |
| " " City Collector for furnishing list of taxpayers | 150 00 | |
| | $2,650 00 | $2,650 00 |

TABLE D—Continued.

*Removed Cases.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $5,000 00 |
| To amount paid to sundry parties | $2,384 80 | |
| To balance December 31, 1883 | 2,615 20 | |
| | $5,000 00 | $5,000 00 |

*Fines.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from Sheriff for the city's proportion of fines imposed by the Criminal Court | | $1,022 52 |
| To balance December 31, 1883 | $1,022 52 | |
| | $1,022 52 | $1,022 52 |

TABLE D—Continued.

*Judgments and Suits.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | 20,000 00 |
| By costs refunded by Mr. Hopper | | 2 05 |
| To amount paid sundry judgments, rendered against the M. & C. C. by various Courts, and for sundry expenses paid | 15,323 29 | |
| To balance December 31, 1883 | 4,678 76 | |
| | $20,002 05 | $20,002 05 |

*Magistrates.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $13,000 00 |
| By amount of city's proportion of fines | | 1,166 00 |
| To amount paid Magistrates | $12,505 00 | |
| " " Substitutes | 494 00 | |
| To balance December 31, 1883 | 1,167 00 | |
| | $14,166 00 | $14,166 00 |

TABLE D—Continued.

*Registration.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $57 20 |
| By appropriation, Ordinance No. 26, 1883 | | 9,500 00 |
| By appropriation, Resolution No. 13, 1883 | | 1,940 26 |
| By appropriation, Resolution No. 14, 1883 | | 290 00 |
| By appropriation, Resolution No. 15, 1883 | | 38 28 |
| By appropriation, Resolution No. 18, 1883 | | 469 65 |
| By appropriation, Resolution No. 135, 1883 | | 1,767 91 |
| By appropriation, Resolution No. 55, 1883 | | 76 00 |
| By appropriation, Resolution No. 74, 1883 | | 84 80 |
| To amount paid to counsellor of Registers | $300 00 | |
| To amount paid to Registration Officers | 11,098 27 | |
| To amount paid for stationery, advertising, &c | 350 95 | |
| To balance December 31, 1883 | 2,474 88 | |
| | $14,224 10 | $14,224 10 |

TABLE D—Concluded.

*Baltimore City Jail.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $50,000 00 |
| By amount received for board of United States prisoners | | 1,372 10 |
| By amount received for hire of prisoners | | 1,072 30 |
| By amount received from counties for board of prisoners | | 185 50 |
| By amount received from sale of refuse and other sources | | 29 10 |
| To amount paid on warrants of the Board of Visitors | $49,999 84 | |
| To balance December 31, 1883 | 2,659 16 | |
| | $52,659 00 | $52,659 00 |

## TABLE E.

*Receipts from taxation and other sources, and payments on account of Interest on the Stock Debt.*

| | Dr. | Cr. |
|---|---|---|
| Received from the City Collector on account of the levy for miscellaneous stocks | | $724,944 58 |
| Received from the Baltimore and Ohio Railroad Company interest on the $5,000,000 Loan | | 321,421 00 |
| Received from the Commissioners of Finance, dividend on 32,500 shares Baltimore and Ohio Railroad Stock | | 303,588 00 |
| Received from Park Board interest on the Public Park Loan | | 35,433 96 |
| Received from Water Board for interest on Water Loan of 1894, 1916 and 1922 | | 459,296 66 |
| Receiv'd from Western Maryland Railroad Company, interest on 1925 Loan | | 17,460 00 |
| Paid interest on stock debt | $1,880,228 48 | |
| By balance, Dec. 31, 1883 | | 18,084 28 |
| | $1,880,228 48 | $1,880,228 48 |

TABLE E—Continued.

*Paving Loan* 1920 *Stock.*

| | Dr. | Cr. |
|---|---|---|
| Proceeds of sale of stock during the past year..... | | $286,800 00 |
| Proceeds of sale of stock, prior to January 1, 1883. | | 157,500 00 |
| To balance, Dec. 31, 1883.. | $444,300 00 | |
| | $444,300 00 | $444,300 00 |

*Jones' Falls Stock.*

| | Dr. | Cr. |
|---|---|---|
| Proceeds of sale of 5 and 6 per cent. stock prior to January 1, 1883 ..... | | $1,764,427 36 |
| Proceeds of sale of 5 per cent. stock during the past year..... | | 88,500 00 |
| To balance, Dec. 31, 1883... | $1,852,927 36 | |
| | $1,852,927 36 | $1,852,927 36 |

TABLE E—Continued.

*Permanent Water Supply.*

| | Dr. | Cr. |
|---|---|---|
| By balance, Jan'ary 1, 1883 | | $6,634 92 |
| To amount paid on warrants of the Water Board..... | $2,800 00 | |
| To balance, Dec. 31, 1883... | 3,834 92 | |
| | $6,634 92 | $6,634 92 |

*Water Board.*

| | Dr. | Cr. |
|---|---|---|
| By balance, Jan'ary 1, 1883. | | $16,460 46 |
| By amount received from Water Rents and all other sources..... | | 822,114 92 |
| To amount paid on warrants of the Water Board for interest on Water Loans... | $459,296 66 | |
| To salaries and other expenses..... | $352,929 47 | |
| To balance, Dec. 31, 1883... | 26,349 25 | |
| | $838,575 38 | $838,575 38 |

TABLE E—Continued.

*Loans.*

| | Dr. | Cr. |
|---|---|---|
| By balance, Janua'y 1, 1883. | | $399,354 82 |
| By amount borrowed from sundry parties ..... | | 702,700 00 |
| To amount paid to sundry parties..... .... | 906,354 82 | |
| To balance, Dec. 31, 1883... | 195,700 00 | |
| | $1,102,054 82 | $1,102,054 82 |

*Receipts on account of the Sinking Funds.*

| | Dr. | Cr. |
|---|---|---|
| Rceived from City Passenger Railway Companies for Park Sinking Fund, as follows : | | |
| Balto. City Pass. Railway Co. | | $5,930 86 |
| Citizens " " | | 3,619 71 |
| North Balto. " " | | 2,917 76 |
| York Road " " | | 300 90 |
| Balto. Union " " | | 837 51 |
| Amount paid to Commissioners of Finance..... ..... | $13,606 74 | |
| | $13,606 74 | $13,606 74 |

TABLE E.—Concluded.

*General Interest.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $88,000 00 |
| By amount received from City Collector for interest on arrearages of Taxes | | 132,348 40 |
| By amount received from Citizen's Railway Co. | | 6 28 |
| To amount paid for interest on loans and on accounts due by the M. and C. C. of Baltimore | $102,880 69 | |
| To balance December 31,'83 | 117,473 99 | |
| | 220,354 68 | $220,354 68 |

## TABLE F.

*Druid Hill and Patterson Parks.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $605 10 |
| By amount received from Passenger Railway Companies as follows: | | |
| Baltimore City Passenger Railway Company..... | | 59,157 43 |
| Citizens' Passenger Railway Company..... | | 14,478 94 |
| York Road Passenger Railway Company..... | | 1,203 62 |
| North Baltimore Passenger Railway Company..... | | 11,671 08 |
| Baltimore Union Passenger Railway Company ..... | | 3,350 00 |
| By amount received from the Public Park Commissioners: | | |
| On account of Druid Hill Park... | | 3,082 91 |
| On account of Patterson Park... | | 205 00 |
| To amount paid on warrants of the Public Park Commissioners: | | |
| For Druid Hill Park .. ..... | $76,404 85 | |
| " Patterson " ..... ..... | 10,233 58 | |
| To balance December 31, 1883... | 7,115 72 | |
| | $93,754 15 | $93,754 15 |

TABLE F—Continued.

*Riverside Park.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $3,500 00 |
| By appropriation, Ordinance No. 26, 1883 | | 3,770 62 |
| By amount transferred from Circuit Court, as per Ordinance No. 69, 1883 | | 2,630 05 |
| By amount transferred from Police Department, as per Ordinance No. 69, 1883 | | 869 95 |
| By amount received from Park Commissioners, as per Ordinance No. 69, 1883 | | 56 95 |
| To amounts paid on the warrants of the Public Park Commissioners | $6,874 27 | |
| To amount paid for rent | 3,770 62 | |
| To balance December 31, 1883 | 182 68 | |
| | $10,827 57 | $10,827 57 |

TABLE F—Continued.

*Federal Hill Park.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $1,770 77 |
| By appropriation, Ordinance No. 26, 1883 | | 9,000 00 |
| To amount paid on warrants of the Public Park Commissioners | $10,768 93 | |
| To balance December 31, 1883... | 1 84 | |
| | $10,770 77 | $10,770 77 |

*Johnston Square.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $5,000 00 |
| By amount received from sale of sand | | 329 65 |
| To amount paid on warrants of the Public Park Commissioners | $5,230 12 | |
| To balance December 31, 1883... | 99 53 | |
| | $5,329 65 | $5,329 65 |

TABLE F—Continued.

*Harlem Square.*

| | Dr. | Cr |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $4,000 00 |
| To amount paid on warrants of the Commissioners | $3,857 46 | |
| To balance December 31, 1883 | 142 54 | |
| | $4,000 00 | $4,000 00 |

*Eutaw Squares—1st Division.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $1,000 00 |
| To amount paid on warrants of the Commissioners | $999 58 | |
| To balance December 31, 1883 | 42 | |
| | $1,000 00 | $1,000 00 |

TABLE F—Continued

*Eutaw Squares—2d Division.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $2,500 00 |
| To amount paid on warrants of the Commissioners | $2,324 91 | |
| To balance December 31, 1883 | 175 09 | |
| | $2,500 00 | $2,500 00 |

*Mount Vernon Squares.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $1,000 00 |
| To amount paid on warrants of the Commissioners | $1,000 00 | |
| | $1,000 00 | $1,000 00 |

TABLE F—Continued.

*Park Place Square.*

| | Dr. | Cr. |
|---|---|---|
| By approbation, Ordinance No. 26, 1883 | | $1,200 00 |
| To amount paid on warrants of the Commissioners | $1,200 00 | |
| | $1,200 00 | $1,200 00 |

*Broadway Squares—1st Division.*

| | Dr | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $1,800 00 |
| To amount paid on warrants of the Commissioners | $1,798 99 | |
| To balance December 31, 1883 | 1 01 | |
| | $1,800 00 | $1,800 00 |

TABLE F—Continued.

*Broadway Squares—2d Division.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance, No. 26, 1883 | | $2,000 00 |
| To amount paid on warrants of the Commissioners | $1,999 86 | |
| To balance December 31, 1883... | 14 | |
| | $2,000 00 | $2,000 00 |

*Madison Square.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $1,400 00 |
| To amount paid on warrants of the Commissioners | $1,315 84 | |
| To balance, December 31, 1883.. | 84 16 | |
| | $1,400 00 | $1,400 00 |

TABLE F—Continued.

*Lafayette Square.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $3,000 00 |
| To amount paid on warrants of Commissioners | $2,867 90 | |
| To balance, December 31, 1883.. | 132 10 | |
| | $3,000 00 | $3,000 00 |

*Franklin Square.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $2,000 00 |
| To amount paid on warrants of the Commissioners | $2,000 00 | |
| | $2,000 00 | $2,000 00 |

TABLE F—Continued.

*Jackson Square.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $800 00 |
| To amount paid on warrants of the Commissioners | $766 43 | |
| To balance December 31, 1883 | 33 57 | |
| | $800 00 | $800 00 |

*Perkins Spring Square.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $1,975 00 |
| By appropriation, Ordinance No. 26, 1883 | | 2,052 00 |
| To amount paid on warrants of the Commissioners | $3,984 98 | |
| To balance December 31, 1883 | 42 02 | |
| | $4,027 00 | $4,027 00 |

TABLE F—Continued.

*Eastern Fountain.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $1,500 00 |
| To amount paid on warrants of the Commissioners | $1,423 00 | |
| To balance December 31, 1883... | 77 00 | |
| | $1,500 00 | $1,500 00 |

*Ashland Square.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $125 00 |
| To amount paid on warrants of the Commissioners | $115 42 | |
| To balance December 31, 1883... | 9 58 | |
| | $125 00 | $125 00 |

TABLE F—Continued.

*Union Square.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $1,500 00 |
| To amount paid on warrants of the Commissioners | $1,500 00 | |
| | $1,500 00 | $1,500 00 |

*Taney Place.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $250 00 |
| To amount paid on warrants of the Commissioners | $223 47 | |
| To balance December 31, 1883 | 26 53 | |
| | $250 00 | $250 00 |

TABLE F—Concluded.

*Frick's Triangle*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $125 00 |
| To balance December 31, 1883.... | $125 00 | |
| | $125 00 | $125 00 |

*Baker Circle.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $125 00 |
| To amount paid on warrants of the Commissioners | $120 00 | |
| To balance December 31, 1883... | 5 00 | |
| | $125 00 | $125 00 |

## TABLE G.

*Health.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883— | | |
| General Health | | $ 18,000 00 |
| do do | | 75,000 00 |
| do do | | 19,585 24 |
| By appropriation Ordinance No. 26, 1883, salaries | | 27,100 00 |
| By appropriation Resolution No. 171, 1883 | | 24,761 28 |
| By amount received for sale of horse | | 165 00 |
| To amount paid on warrants of the Commissioner of Health | 130,552 16 | |
| To amount paid for salaries | 26,862 51 | |
| To balance December 31, 1883 | 7,196 85 | |
| | $164,611 52 | $164,611 52 |

TABLE G—Continued.

*Quarantine Hospital.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $25,000 00 |
| By appropriation Ordinance No. 5, 1883 | | 854 07 |
| By amount received from Hospital fees | | 6,266 82 |
| To amount paid on warrants of the Commissioner of Health | $25,800 12 | |
| To balance December 31, 1883 | 6,320 77 | |
| | $32,120 89 | $32,120 89 |

*Nuisances and Sewers.*

| | Dr. | Cr. |
|---|---|---|
| By appsopriation Ordinance No. 26, 1883 | | $ 2,000 00 |
| By appropriation Resolution No. 171, 1883 | | 5,238 72 |
| To amount paid on warrants of the Commissioner of Health | $6,897 03 | |
| To balance December 31, 1883 | 341 69 | |
| | $7,238 72 | $7,238 72 |

TABLE G—Continued,

*Post Mortems.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $600 00 |
| To amount paid on warrants of the Commissioner of Health | $600 00 | |
| | $600 00 | $600 00 |

*Expenditures and Appropriations on account of the Harbor Board.*

| | Dr. | Cr. |
|---|---|---|
| Dredging, salaries, &c., Ordinance No. 26, 1883 | $50,908 80 | $50,962 77 |
| Iceboat F. C. Latrobe, Ordinance No. 26, 1883 | 9,987 51 | 10,000 00 |
| Repairs of wharves Ordinance No. 26, 1883 | 3,394 90 | 4,000 00 |
| Repairs of City Dock, Ordinance No. 26, 1883 | 8,861 03 | 9,250 31 |
| Widening channel Spring Gardens Ordinance No. 26, 1883 | 9,999 93 | 10,000 00 |
| Amount received from Harbor Board | | 112 75 |
| To balance December 31, 1883 | $1,173 66 | |
| | $84,325 83 | $84,325 83 |

TABLE G—Continued.

*Cleaning Streets.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $219,375 00 |
| By do | | 4,250 00 |
| By do | | 4,250 00 |
| By appropriation Resolution No. 176, 1883 | | 2,125 00 |
| To amount paid on warrants of the Commissioners of Street Cleaning | $229,994 48 | |
| To balance December 31, 1883 | 5 52 | |
| | $230,000 00 | $230,000 00 |

TABLE G—Continued.

*City Collector.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $44,300 00 |
| To amount paid for salaries and incidental expenses of the City Collector's office | $43,917 94 | |
| To balance December 31, 1883 | 382 06 | |
| | $44,300 00 | $44,300 00 |

TABLE G—Continued.

*Appeal Tax Court.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $450 00 |
| To amount paid for incidental expenses of the Appeal Tax Court | $427 86 | |
| To balance December 31, 1883 | 22 14 | |
| | $450 00 | $450 00 |

*City Poor.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from the City Collector on account of the tax levy | | $186,356 08 |
| By appropriation for Bayview Asylum, Ordinance No. 26, 1883 | | 60,000 00 |
| By amount received from board of inmates and resident students, sale of refuse, &c | | 1,488 63 |
| Paid warrants of the Trustees of Bayview Asylum | $59,677 65 | |
| By appropriation for the House of Refuge, Ordinance No. 26, 1883 | | 21,367 50 |
| Amounts carried forward | $59,677 65 | $269,212 21 |

TABLE G—Continued.

| | Dr. | Cr. |
|---|---|---|
| Amounts brought forward..... | $59,677 65 | $269,212 21 |
| Paid to House of Refuge..... | 17,776 68 | |
| By appropriation for the House of Reformation, Ordinance No. 26, 1883 ..... ..... | | $12,436 00 |
| Paid to House of Reformation.... | 12,436 00 | |
| By appropriation for Dispensaries, Ordinance No. 26, 1883, as follows: | | |
| Homœopathic Free..... | 400 00 | 400 00 |
| North Eastern ..... ..... | 800 00 | 800 00 |
| Southern ..... | 800 00 | 800 00 |
| Baltimore General..... | 400 00 | 400 00 |
| Baltimore Medical College..... | 400 00 | 400 00 |
| Woman's do do ..... | 400 00 | 400 00 |
| North Western..... | 400 00 | 400 00 |
| Eastern ..... | 400 00 | 400 00 |
| College Physicians and Surgeons | 400 00 | 400 00 |
| Maryland University..... | 800 00 | 800 00 |
| By appropriation for St. Mary's Industrial School, Ordinance No. 26, 1883..... | | 22,101 75 |
| Paid to St. Mary's Industrial School ..... ..... | 22,101 75 | |
| By appropriation for Mount Hope Retreat, Ordinance No. 26, 1883 | | 22,305 43 |
| Amounts carried forward..... | $117,192 08 | $331,255 39 |

TABLE G—Continued.

| | Dr. | Cr. |
|---|---|---|
| Amounts brought forward..... | $117,192 08 | $351,255 39 |
| Paid to Mount Hope Retreat..... | 22‘305 43 | |
| By appropriation for Indigent Sick at Universities, Ordinance No. 26, 1883..... | | $9,000 00 |
| Paid to University of Maryland... | 4,236 13 | |
| Paid to Washington University... | 4,231 96 | |
| By appropriation for Deaf and Dumb, Ordinance No. 26, 1883 | | 500 00 |
| Paid for Deaf and Dumb..... | 441 56 | |
| By appropriation for Widows and Orphans War of 1812, Ordinance No. 26, 1883..... | | 300 00 |
| Paid Widows and Orphans War of 1812..... | 300 00 | |
| By appropriation for Old Defenders, War of 1812, Ordinance No. 26, 1883..... | | 300 00 |
| Paid Old Defenders, War of 1812 | 300 00 | |
| By appropriation for Maryland Hospital for the Insane, Ordinance No. 26, 1883..... | | 26,025 83 |
| Paid to Maryland Hospital for the Insane ..... | 22,511 82 | |
| By appropriation for the Female House of Refuge, Ordinance No. 26, 1883..... | | 2,000 00 |
| Amount carried forward..... | $171,518 98 | $369,381 22 |

TABLE G—Continued.

| | Dr. | Cr. |
|---|---|---|
| Amount brought forward..... | $171,518 98 | $369,381 22 |
| Paid Female House of Refuge..... | 2,000 00 | |
| By appropriation for St. Vincent's Infant Asylum, Ordinance No. 26, 1883..... | | $1,500 00 |
| Paid to St. Vincent's Infant Asylum..... | 1,375 00 | |
| By appropriation for Home of the Friendless, Ordinance No. 26, 1883..... | | 1,500 00 |
| Paid to Home of the Friendless.... | 1,500 00 | |
| By appropriation for Nursery and Child's Hospital, Ordinance No. 26, 1883..... | | 1,500 00 |
| Paid to Nursery and Child's Hospital ..... | 1,497 00 | |
| By appropriation for Boys' Home Society, Ordinance No. 26, 1883 | | 2,500 00 |
| Paid to Boys' Home Society..... | 2,500 00 | |
| By appropriation to St. Elizabeth Colored Orphan Asylum, Ordinance No. 26, 1883..... | | 750 00 |
| Paid to St. Elizabeth Colored Orphan Asylum..... | 375 00 | |
| | $180,765 98 | $377,131 22 |

TABLE G—Continued

*Dog Pound.*

| | Dr | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $1,200 00 |
| By amount received for dead dogs | | 37 29 |
| By amount received for dogs sold at auction | | 141 75 |
| To amount paid for dogs captured | $692 25 | |
| do do feed and fuel | 30 45 | |
| do do ground rent | 300 00 | |
| do do repairs | 121 05 | |
| To balance December 31, 1883 | 235 29 | |
| | $1,379 04 | $1,379 04 |

*Mayoralty.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $1,500 00 |
| To amount paid for incidental expenses of the Mayor's office | $1,490 37 | |
| To balance December 31, 1883 | 9 63 | |
| | $1,500 00 | $1,500 00 |

TABLE G—Continued.

*Sale of City Property.*

| | Dr. | Cr. |
|---|---|---|
| By amount received in payment of old Male and Female Primary School No. 14 | | $2,250 00 |
| To amount paid for advertising and auctioneer's expenses | $213 20 | |
| To balance Dec. 31, 1883 | 2,036 80 | |
| | $2,250 00 | $2,250 00 |

*Gasoline Lamps, Lamp Pillars and Lamps, and Repairs of Lamps.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $22,000 00 |
| By amount received from sundry parties for injury to lamps | | 51 75 |
| To amount paid on warrants of the Gen'l Superintendent of Lamps | $21,999 19 | |
| To balance December 31, 1883 | 52 56 | |
| | $22,051 75 | $22,051 75 |

TABLE G—Continued.

*City Council.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $54,000 00 |
| To amount paid to members | $26,807 73 | |
| do do clerks, &c | 13,037 50 | |
| To amount paid for printing and other expenses | 12,641 88 | |
| To balance December 31, 1883 | 1,512 89 | |
| | $54,000 00 | $54,000 00 |

*City Librarian.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | 7,500 00 |
| By amount rec'd for copying, &c | | 1 05 |
| To amount paid on warrants of the City Librarian for stationery, &c | 7,497 43 | |
| To balance December 31, 1883 | 3 62 | |
| | $7,501 05 | $8,501 05 |

TABLE G—Continued.

*Tax Sales.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | 2,275 77 |
| By appropriation Resolutions Nos. 76 and 92, 1883 | | 211 56 |
| By amount received from sundry parties for redemption of property previously sold | | 4,979 16 |
| To amount paid for the purchase of property by the Mayor and City Council to secure taxes | 2,269 78 | |
| To balance December 31, 1883 | 5,196 71 | |
| | $7,466 49 | $7,466 49 |

*Police Department.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $610,000 00 |
| To amount paid on warrants of the Board of Police Commissioners | 607,859 78 | |
| To balance December 31, 1883 | 2,140 22 | |
| | $610,000 00 | $610,000 00 |
| Received from the City Collector on account of the tax levy for Police Department | | $579,727 67 |

TABLE G—Continued.

*Refunded Taxes.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $4,000 00 |
| To amount of taxes refunded to sundry parties by order of the Appeal Tax Court | 3,997 88 | |
| To balance December 31, 1883 | 2 12 | |
| | $4,000 00 | $4,000 00 |

*Public Printing.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $4,777 95 |
| By amount received from City Commissioner | | 142 50 |
| To amount paid for advertising | 4,032 95 | |
| To balance December 31, 1883 | 887 50 | |
| | $4,920 45 | $4,920 45 |

TABLE G—Continued.

*Fire Department.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $185,662 20 |
| By amount received from sundry refuse, &c | | 329 64 |
| To amount paid on warrants of the Fire Marshal, for expenses of the Fire Department and the Police & Fire Alarm Telegraph | $184,868 12 | |
| To balance December 31, 1883 | 1,123 72 | |
| | $185,991 84 | $185,991 84 |

TABLE G—Continued.

*Public Schools.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $649,401 93 |
| To amount paid on warrants of Board of Public School Commissioners on account of White Schools | $584,080 07 | |
| To amount paid on warrants of Board of Public School Commissioners on account of Colored Schools | 65,318 64 | |
| To balance December 31, 1883 | 3 22 | |
| | $649,401 93 | $649,401 93 |
| Receipts from various sources on account of Public Schools: | | |
| From the City Collector on account of the tax levy | $425,628 10 | |
| From the State, City's proportion of State tax | 144,023 29 | |
| From J. F. Plummer, executor | 129 59 | |
| From H. M. Cowles, Secretary, for use of books, &c | 46,443 99 | |
| | $616,224 97 | |

TABLE G—Continued.

*Elections.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $10,200 00 |
| By appropriation Resolution No. 1, 1883 | | 2,000 00 |
| By amount received from Western Md. R. R. Co., their proportion of the expense of election | | 124 39 |
| To amount paid for per diem of judges and clerks, room rent, advertising, stationery, &c | $11,950 03 | |
| To balance December 31, 1883 | 374 36 | |
| | $12,324 39 | $12,324 39 |

*Supervisors of Elections.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $2,500 00 |
| To amount paid to clerk | 530 61 | |
| do do messenger | 101 00 | |
| do do for advertising | 1,509 91 | |
| do do incidental expenses | 119 26 | |
| To balance December, 1883 | 239 22 | |
| | $2,500 00 | $2,500 00 |

TABLE G—Concluded.

*Special Appropriations.*

| | Dr. | Cr. |
|---|---|---|
| Favor Trustees Franklin Square Baptist Church | $86 00 | $86 00 |
| Favor Dr. Oscar J. Coskery, Resolution No. 117 | 125 00 | 125 00 |
| Favor Dr. Wm. Green, Resolution No. 117 | 25 00 | 25 00 |
| Favor N. V. Anderson, Resolution No. 175 | 300 00 | 300 00 |
| Favor Mrs. Bentley, Resolution No. 175 | 500 00 | 500 00 |
| Favor Wm. J. Kelly, Resolution No. 185 | 250 00 | 250 00 |
| Favor John B. Ely, Resolution No. 188 | 175 00 | 175 00 |
| Favor Sisters of Charity of St. Mary's Female Orphan Asylum, Resolution No. 189 | 220 50 | 220 50 |
| Favor Wm. May, Resolution No. 214 | 30 25 | 30 25 |
| Favor John T. Morris, Resolutions Nos. 112 and 113 | 176 47 | 176 47 |
| Favor Michael C. Gunning, Resolution No. 114 | 107 01 | 107 01 |
| Favor Paul McAvoy, Resolution No. 129 | 60 00 | 60 00 |
| Favor Trustees Home of the Aged of the M. E. Church, Resolution No. 93 | 20 00 | 20 00 |
| By amount received from County Commissioners of Baltimore Co. as per Resolution No. 180 of 1880 | | 100 00 |
| To balance December 31, 1883 | 100 00 | |
| | $2,175 23 | $2,175 23 |

## TABLE H.

*Inspector of Buildings.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $5,333 34 |
| By appropriation, Ordinance No. 26, 1883 | | 500 00 |
| To amount paid on warrants of the Inspector of Buildings | $5,735 99 | |
| To balance, December 31, 1883 | 97 35 | |
| | $5,833 34 | $5,833 34 |

*Repairs Public Schools.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $10,000 00 |
| To amount paid on warrants of the Inspector of Buildings | $9,997 93 | |
| To balance December 31, 1883 | 2 07 | |
| | $10,000 00 | $10,000 00 |

TABLE H—Continued.

*Repairs of Monuments.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883..... ..... | | $800 00 |
| To amount paid on warrants of the Inspector of Buildings..... | $779 50 | |
| To balance December 31, 1883..... | 20 50 | |
| | $800 00 | $800 00 |

*Railing on Front Portico and Stairway of the City Hall.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883..... ..... | | $1,360 00 |
| To amount paid on warrants of the Inspector of Buildings..... | 1,150 00 | |
| To balance December 31, 1883..... | 210 00 | |
| | $1,360 00 | $1,360 00 |

TABLE H—Continued.

*Repairs City Hall.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $4,500 00 |
| To amount paid on warrants of the Inspector of Buildings | $4,394 61 | |
| To balance December 31, 1883 | 105 39 | |
| | $4,500 00 | $4,500 00 |

*Repairs Court Houses.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $1,800 00 |
| To amount paid on warrants of the Inspector of Buildings | $1,257 02 | |
| To balance December 31, 1883 | 542 98 | |
| | $1,800 00 | $1,800 00 |

TABLE H—Continued.

*Repairs Market Houses.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $3,250 00 |
| To amount paid on warrants of the Inspector of Buildings | $2,878 07 | |
| To balance December 31, 1883 | 371 93 | |
| | $3,250 00 | $3,250 00 |

*Repairs Engine Houses.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, ordinance No. 26, 1883 | | $5,500 00 |
| To amount paid on warrants of the Inspector of Buildings | $5,464 41 | |
| To balance December 31, 1883 | 35 59 | |
| | $5,500 00 | $5,500 00 |

TABLE H—Continued.

*Cleaning Cesspools of Public Schools.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $2,000 00 |
| To amount paid on warrants of the Inspector of Buildings | $1,497 50 | |
| To balance December 31, 1882 | 502 50 | |
| | $2,000 00 | $2,000 00 |

*Building Temporary Pest Hospitals*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 36, 1883 | | $5,212 60 |
| To amount paid on warrants of the Inspector of Buildings | $5,212 62 | |
| By balance December 31, 1883 | | 02 |
| | $5,212 62 | $5,212 62 |

TABLE H—Continued.

*Building Quarantine Hospital.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $13,000 00 |
| To amount paid on warrants of the Inspector of Buildings | $11,052 80 | |
| To balance December 31, 1883 | 1,947 20 | |
| | $13,000 00 | $13,000 00 |

*Building Addition to Bayview Asylum.*

| | Dr. | Cr |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $10,000 00 |
| To amount paid on warrants of the Inspector of Buildings | $9,800 41 | |
| To balance December 31, 1883 | 199 59 | |
| | $10,000 00 | $10,000 00 |

TABLE H—Continued.

*Insurance of Quarantine Hospital*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $400 00 |
| To amount paid on warrants of the Inspector of Buildings | $400 00 | |
| | $400 00 | $400 00 |

*Erection of Armistead Monument.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $2,000 00 |
| To amount paid on warrants of the Committee | $2,000 00 | |
| | $2,000 00 | $2,000 00 |

TABLE H—Continued.

*Building Male & Female Primary School No.* 14.

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $5,742 55 |
| By appropriation, Ordinance No. 26, 1883 | | 803 45 |
| To amount paid on warrants of the Inspector of Buildings | $6,546 00 | |
| | $6,546 00 | $6,546 00 |

*General Superintendent of Lamps.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $300 00 |
| To amount paid on warrants of the Gen'l Supt. of Lamps | $300 00 | |
| | $300 00 | $300 00 |

TABLE H—Continued.

*Repairs to City Jail.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $1,600 00 |
| To amount paid on warrants of the Inspector of Buildings | $1,597 15 | |
| To balance December 31, 1883 | 2 85 | |
| | $1,600 00 | $1,600 00 |

*Building Male & Female Grammar School No.* 11.

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $5,000 00 |
| By appropriation, Ordinance No. 26, 1883 | | 7,400 00 |
| To amount paid on warrants of the Inspector of Buildings | $9,429 26 | |
| To balance December 31, 1883 | 2,970 74 | |
| | $12,400 00 | $12,400 00 |

TABLE H—Continued.

*Insurance of Bayview Asylum.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $855 00 |
| To amount paid on warrants of the Inspector of Buildings | $855 00 | |
| | $855 00 | $855 00 |

*Maryland Institute.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $3,000 00 |
| By appropriation, Ordinance No. 26, 1883 | | 3,000 00 |
| To amount paid Maryland Institute | $6,000 00 | |
| | $6,000 00 | $6,000 00 |

TABLE H—Continued.

*Patterson Park Extension.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from sale of stock | | $200,000 00 |
| By amount returned by Sheriff | | 124 00 |
| To amount paid on warrants of the Public Park Commissioners | $134,088 01 | |
| To balance December 31, 1883 | 66,035 99 | |
| | $200,124 00 | $200,124 00 |

*Winding Maryland Institute Clock.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $75 00 |
| To amount paid for winding clock | $75 00 | |
| | $75 00 | $75 00 |

TABLE H—Continued.

*Ringing Mechanics' Bells.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $100 00 |
| By appropriation, Ordinance No. 26, 1883 | | 200 00 |
| To amount paid for Ringing Mechanics' Bell | $300 00 | |
| | $300 00 | $300 00 |

*Ice Boat Maryland.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $2,000 00 |
| By appropriation, Resolution No. 210, 1883 | | 8,000 00 |
| To amount paid Trustees | $10,000 00 | |
| | $10,000 00 | $10,000 00 |

TABLE H—Continued.

*Portrait of Mayor Whyte.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $300 00 |
| To balance December 31, 1883 | $300 00 | |
| | $300 00 | $300 00 |

*Tivoli Disaster of* 1883.

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 174, 1883 | | $2,233 50 |
| To amount paid on warrants of the Committee | $2,233 50 | |
| | $2,233 50 | $2,233 50 |

TABLE H—Continued

*Enoch Pratt Free Library.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from Enoch Pratt, Esq. | | $833,333 33 |
| By appropriation. Resolution No. 173, 1883 | | 12,500 00 |
| To amount paid Commissioners of Finance | $833,333 33 | |
| To amount paid Enoch Pratt Free Library | 12,500 00 | |
| | $845,833 33 | $845,833 33 |

*Water Loan of* 1922.

| | Dr. | Cr. |
|---|---|---|
| By amount received from sale of stock | | $500,000 00 |
| To amount paid on warrants of the Water Board | $259,134 67 | |
| To balance December 31, 1883 | 240,865 33 | |
| | $500,000 00 | $500,000 00 |

TABLE H—Continued.

*Western Maryland Railroad Loan* 4 *per cent. of* 1925.

| | Dr. | Cr. |
|---|---|---|
| By amount received from sale of stock | | $144,100 00 |
| To amount paid to Commissioners of Finance | $144,100 00 | |
| | $144,100 00 | $144,100 00 |

*City Commissioner.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $9,000 00 |
| By appropriation Ordinance No. 26, 1883 | | 700 00 |
| By appropriation Ordinance No. 26, 1883 | | 50 00 |
| To amount paid for salaries | $9,000 00 | |
| To amount paid for Livery | 700 00 | |
| To amount paid for incidental expenses | 23 00 | |
| To balance December 31, 1883 | 27 00 | |
| | $9,750 00 | $9,750 00 |

TABLE H—Continued

*Improvement of Jones' Falls.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1st 1883.. .... | | $2,463 50 |
| By amount received from sale of stock..... | | 88,500 00 |
| By amount received from old material &c..... ..... | | 91 39 |
| To amount paid on warrants of the City Commissioner..... | $57,984 39 | |
| To balance December 31, 1883.... | 33,070 50 | |
| | $91,054 89 | $91,054 89 |

*Repairs Paved Streets.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883..... | | $73,000 00 |
| By amount received from sale of old material..... | | 531 63 |
| By amount transferred from Repairs of Harford Run Sewer account as per Resolution 169, 1883 | | 1,000 00 |
| To amount paid on warrants of the City Commissioner..... | $73,996 94 | |
| To balance December 31, 1883.... | 534 69 | |
| | $74,531 63 | $74,537 63 |

TABLE H—Continued

*Repairs of Bridges.*

| | Dr | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $6,000 00 |
| By amount transferred from Repairs of Unpaved Streets account as per Resolution 169, 1883 | | 800 00 |
| To amount paid on warrants of the City Commissioner | $6,783 86 | |
| To balance December 31, 1883 | 16 14 | |
| | $6,800 00 | $6,800 00 |

*Repairs of Unpaved Streets.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $2,500 00 |
| To amount paid on warrants of the City Commissioner | 1,337 23 | |
| By amount transferred to Repairs of Bridges, as per Resolution No. 169, 1883 | $800 00 | |
| To balance December 31, 1883 | 362 77 | |
| | $2,500 00 | $2,500 00 |

TABLE H—Continued

*Repairs of Sewers.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $10,000 00 |
| By amount received for permits to connect with sewers | | 1,309 00 |
| To amount paid on warrants of the City Commissioner | $9,982 12 | |
| To balance December 31, 1883 | 1,327 40 | |
| | $11,309 52 | $11,309 52 |

*Improvement of Harford Run.*

| | Dr. | Cr. |
|---|---|---|
| To balance January 31, 1883 | | $52,944 16 |
| To amount paid on warrants of the City Commissioner | $20,368 25 | |
| To balance December 31, 1883 | 32,575 92 | |
| | $52,944 16 | $52,944 16 |

## TABLE H—Continued.

*Harford Run Sewer.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $9,000 00 |
| To amount paid on warrants of the City Commissioner | $8,998 18 | |
| To balance December 31, 1883 | 1 82 | |
| | $9,000 00 | $9,000 00 |

*Light Street Bridge.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $1,200 00 |
| By appropriation Ordinance No. 26, 1883 | | 60 00 |
| To amount paid on warrants of City Commissioner | $1,033 44 | |
| To balance December 31, 1883 | 226 56 | |
| | $1,260 00 | $1,260 00 |

TABLE H—Continued.

*Fremont Street Sewer.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 5, 1883 | | $75 00 |
| To amount paid on warrants of the City Commissioner | $75 00 | |
| | $75 00 | $75 00 |

*Trapping Sewers at Baltimore and Ann Streets and Pennsylvania Avenue.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $1,300 00 |
| To amount paid on warrants of the City Commissioner | $1,300 00 | |
| | $1,300 00 | $1,300 00 |

TABLE H—Continued.

*Changing Grade of Preston Street.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 27, 1883 | | $4,449 44 |
| To amount paid on warrants of the City Commissioner | $3,983 94 | |
| To balance December 31, 1883 | 465 50 | |
| | $4,449 44 | $4,449 44 |

*Kerbing East Side Pennsylvania Avenue (Sewell's Tan Yard.)*

| | Dr. | Cr. |
|---|---|---|
| By amount received from City Collector | | $82 40 |
| To amount paid on warrants of the City Commissioner | $80 00 | |
| To balance December 31, 1883 | 2 40 | |
| | $82 40 | $82 40 |

TABLE H—Continued.

*Paving Loan* 1920.

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $28,119 58 |
| By amount received from the City Commissioner for sale of old material..... | | 3,790 59 |
| By proceeds for sale of stock..... | | 286,800 00 |
| By amount received from the City Collector, payments by sundry parties..... | | 85,319 49 |
| To amount paid on warrants of the City Commissioner..... ..... | $391,530 99 | |
| To balance December 31, 1883.... | 12,498 67 | |
| | $404,029 66 | $404,029 66 |

TABLE H—Continued.

*Iron Plates.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $2,250 00 |
| To amount paid on warrants of City Commissioner | $1,974 83 | |
| To balance December 31, 1883 | 275 17 | |
| | $2,250 00 | $2,250 00 |

*Paving City Property.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | 1,000 00 |
| To amount paid on warrants of City Commissioner | $999 27 | |
| To balance December 31, 1883 | 73 | |
| | $1,000 00 | $1,000 00 |

TABLE H—Continued.

*Flag and Stepping Stones.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $8,000 00 |
| To amount paid on warrants of City Commissioner | $7,993 60 | |
| To balance December 31, 1883 | 6 40 | |
| | $8,000 00 | $8,000 00 |

*Cross Streets.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $10,000 00 |
| To amount paid on warrants of City Commissioner | $9,769 13 | |
| To balance December 31, 1883 | 230 87 | |
| | $10,000 00 | $10,000 00 |

TABLE H—Continued.

*Repairs of Harford Run Sewer.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $8,682 50 |
| To amount paid on warrants of City Commissioner | $7,661 81 | |
| To amount transferred to repairs paved streets, as per Resolution No. 169, 1883 | $1,000 00 | |
| To balance December 31, 1883 | 20 69 | |
| | $8,682 50 | $8,682 50 |

TABLE H—Concluded.

*Shelling Warner Street.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Resolution No. 53, 1883 | | $200 00 |
| To amount paid on warrants of City Commissioner | $193 15 | |
| To balance December 31, 1883 | 6 85 | |
| | $200 00 | $200 00 |

*Changing Grade of Fulton Avenue.*

| | Dr. | Cr. |
|---|---|---|
| To amount paid for Advertising | $11 00 | |
| By balance Dec. 31, 1883 | | $11 00 |
| | $11 00 | $11 00 |

## TABLE I.

*Opening Wilkins Avenue.*

| | Dr. | Cr. |
|---|---|---|
| Byamount received for benefits... | | 500 00 |
| To balance January 1, 1883. .... | 7,152 07 | |
| By balance December 31, 1883... | | 6,652 07 |
| | $7,152 07 | $7,152 07 |

*Opening Presstman Street.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $178 68 |
| By amount received for benefits.. | | 45 00 |
| To amount paid for damages..... | $446 00 | |
| By balance December 31, 1883... | | $222 32 |
| | $446 00 | $446 00 |

TABLE I—Continued.

*Opening McKim Street.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $12,000 00 |
| By amount received for benefits.. | | 430 00 |
| To amount paid for damages..... | $11,764 21 | |
| To balance December 31, 1883... | 665 79 | |
| | $12,430 00 | $12,430 00 |

*Widening Orleans Street.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883 ..... | | $384 92 |
| To amount paid for damages..... | $3 50 | |
| To balance December 31, 1883... | 381 42 | |
| | $384 92 | $384 92 |

TABLE I—Continued.

*Opening Broadway.*

| | Dr. | Cr. |
|---|---|---|
| To balance January 1, 1883..... | $2,430 45 | |
| By amount received for benefits.. | | $410 00 |
| By balance December 31, 1883... | | $2,020 45 |
| | $2,430 45 | $2,430 45 |

*Opening Edmondson Avenue.*

| | Dr. | Cr. |
|---|---|---|
| To amount paid for damages..... | $635 05 | |
| By balance December 31, 1883... | | $635 05 |
| | $635 05 | $635 05 |

TABLE I—Continued.

*Opening Biddle Street.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $122 08 |
| By amount received for benefits.. | | 31 50 |
| To amount paid for damages..... | $596 51 | |
| By balance December 31, 1883... | | 442 93 |
| | $596 51 | $596 51 |

*Opening Forest Street.*

| | Dr. | Cr. |
|---|---|---|
| To amount paid for damages..... | $93 94 | |
| By balance December 31,1883.... | | $93 94 |
| | $93 94 | $93 94 |

TABLE I—Continued.

*Opening Marshall Street No. 4.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883 ..... | | $902 65 |
| To amount paid for damages..... | $12 | |
| To balance December 31, 1883.... | 890 65 | |
| | $902 65 | $902 65 |

*Opening Oliver Street.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883 ..... | | $1,390 81 |
| By appropriation, Ordinance No. 26, 1883..... ..... ..... | | 138 02 |
| By amount received for benefits. | | 94 50 |
| To amount paid for damages..... | $176 02 | |
| To balance December 31,1883.... | $1,447 31 | |
| | $1,623 33 | $1,623 33 |

TABLE I—Continued.

*Opening Covington Street.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $5,280 98 |
| By amount received for benefits. | | 3,613 01 |
| To balance January 1, 1883 | $720 54 | |
| To amount paid for damages | 7,502 67 | |
| To balance December 31, 1883 | 670 78 | |
| | $8,893 99 | $8,893 99 |

*Closing Old Joppa Road.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883 | | $2,708 25 |
| To amount paid for damages | $2,616 25 | |
| To balance December 31, 1883 | 92 00 | |
| | $2,708 25 | $2,708 25 |

TABLE I—Continued.

*Closing Ferry Point Road.*

| | Dr. | Cr. |
|---|---|---|
| By balance December 31, 1883... | | $586 00 |
| To amount paid for damages..... | $250 00 | |
| To balance December 31, 1883... | 336 00 | |
| | $586 00 | $586 00 |

*Opening Point Lane.*

| | Dr. | Cr. |
|---|---|---|
| To amount paid for damages..... | $117 50 | |
| By balance December 31, 1883... | | $117 50 |
| | $117 50 | $117 50 |

TABLE I—Continued.

*Opening Barclay Street.*

| | Dr. | Cr. |
|---|---|---|
| To amount paid for damages..... | $165 75 | |
| By balance December 31, 1883... | | $165 75 |
| | $165 75 | $165 75 |

*Opening Federal Street, No. 3.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883..... | | $137 75 |
| By amount received for benefits.. | | 181 94 |
| To amount paid for damages..... | $596 89 | |
| By balance December 31, 1883... | | 277 20 |
| | $596 89 | $596 89 |

TABLE I—Continued.

*Opening Cuba Street.*

| | Dr. | Cr. |
|---|---|---|
| By amount received for benefits.. | | $86 51 |
| To amount paid for damages... | $212 52 | |
| By balance December 31, 1883... | | 126 01 |
| | $212 52 | $212 52 |

*Opening Robert Street.*

| | Dr. | Cr. |
|---|---|---|
| To balance January 1, 1883..... | $553 68 | |
| To amount paid for damages..... | | |
| By amount received for benefits. | | $152 50 |
| By balance December 31, 1883... | | 401 18 |
| | $553 68 | $553 68 |

TABLE I.—Continued.

*Opening Patterson Park Avenue.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $2,498 66 |
| By appropriation, Ordinance No. 26, 1883..... | | 4,546 50 |
| To balance December 31, 1883... | $7,045 16 | |
| | $7,045 16 | $7,045 16 |

*Opening Morton Alley.*

| | Dr. | Cr. |
|---|---|---|
| To amount paid for damages..... | $91 45 | |
| By balance December 31, 1883.. | | $91 45 |
| | $91 45 | $91 45 |

TABLE I—Continued.

*Opening John Street.*

| | Dr. | Cr |
|---|---|---|
| By balance January 1, 1883..... | | $5,503 15 |
| By appropriation, Ordinance No. 26, 1883 ..... ..... ..... | | 1,283 42 |
| By amount received for benefits.. | | 616 70 |
| To balance December 31, 1883... | $7,403 27 | |
| | $7,403 27 | $7,403 27 |

*Opening Patapsco Street.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $ 30 00 |
| To amount paid for damages ..... | $97 83 | |
| By balance December 31, 1883... | | 67 83 |
| | $97 83 | $97 83 |

TABLE I—Continued.

*Opening Wells and Clagett Streets.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $851 00 |
| To amount paid for damages..... | $194 70 | |
| To balance December 31, 1883... | 656 30 | |
| | $851 00 | $851 00 |

*Opening Race Street.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $1,850 41 |
| By appropriation, Ordinance No. 26, 1883..... | | 1,286 25 |
| To balance December 31, 1883... | $3,136 66 | |
| | $3,136 66 | $3,136 66 |

TABLE I—Continued.

*Opening Cannon Street.*

| | Dr. | Cr. |
|---|---|---|
| To balance January 1, 1883..... | $ 63 20 | |
| To amount paid for damages..... | 274 16 | |
| By balance December 31, 1883... | | $337 36 |
| | $337 36 | $337 36 |

*Opening McElderry Street.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $4,208 82 |
| By appropriation, Ordinance No. 26, 1883..... | | 2,097 34 |
| By amount received for benefits.. | | 2,764 66 |
| To amount paid for damages..... | $4,862 00 | |
| To balance December 31, 1883... | 4,208 82 | |
| | $9,070 82 | $9,070 82 |

TABLE I—Continued

*Oyening Luzerne Street.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $3,066 36 |
| By appropriation, Ordinance No. 26, 1883..... | | 3,592 40 |
| By amount received for benefits.. | | 6,406 49 |
| To amount paid for damages..... | $9,998 89 | |
| To balance December 31, 1883... | 3,066 36 | |
| | $13,065 25 | $13,065 25 |

*Opening Gold Street*

| | Dr. | Cr. |
|---|---|---|
| By amount received for benefits | | $6,736 99 |
| To balance January 1, 1883..... | $757 12 | |
| To amount paid for damages..... | 3,277 91 | |
| To balance December 31, 1883... | 2,701 96 | |
| | $6,736 99 | $6,736 69 |

TABLE I—Continued.

*Opening Cathedral Street.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $21,194 49 |
| By appropriation, Ordinance No. 26, 1883..... | | 40,085 79 |
| By amount received for benefits. | | 10,130 41 |
| To amount paid for damages..... | $72,300 00 | |
| By balance December 31, 1883... | | 889 31 |
| | $72,300 00 | $72,300 00 |

*Opening Carey Street.*

| | Dr. | Cr |
|---|---|---|
| By balance January 1, 1883 ..... | | $3,274 95 |
| By appropriation, Ordinance No. 26, 1883 ..... | | 10,819 26 |
| By amount received for benefits . | | 2,782 42 |
| To amount paid for damages .. | $54 09 | |
| To balance December 31, 1883.... | 16,822 54 | |
| | $16,876 63 | $16,876 69 |

TABLE I—Continued.

*Opening Tenant Street.*

| | Dr. | Cr. |
|---|---|---|
| To balance January 1, 1883..... | $358 78 | |
| To amount paid for damages..... | 503 24 | |
| By amount received for benefits. | | $1,396 49 |
| By balance December 31, 1883... | 534 47 | |
| | $1,396 49 | $1,396 49 |

*Opening Wolfe Street.*

| | Dr. | Cr. |
|---|---|---|
| To amount paid for damages..... | $3,008 77 | |
| By balance January 1, 1883..... | | $2,611 53 |
| By balance December 31, 1883.. | | 397 24 |
| | $3,008 77 | $3,008 77 |

TABLE F—Continued

*Opening Lanvale Street.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 26, 1883 | | $127 27 |
| By amount received for benefits. | | 100 13 |
| To amount paid for damages | $174 58 | |
| To balance December 31, 1883 | 52 82 | |
| | $227 40 | $227 40 |

*Opening an Alley from Hoffman Street to Gelston's Court.*

| | Dr. | Cr. |
|---|---|---|
| To amount paid for damages | $239 80 | |
| By balance December 31, 1883 | | $239 80 |
| | $239 80 | $239 80 |

TABLE I—Continued.

*Opening Mosher Street.*

| | Dr. | Cr. |
|---|---|---|
| By amount received for benefits. | | $1,766 19 |
| To amount paid for damages..... | $472 15 | |
| To balance December 31, 1883... | $1,294 04 | |
| | $1,766 19 | $1,766 19 |

*Opening Holbrook Street.*

| | Dr. | Cr |
|---|---|---|
| By amount received for benefits.. | | $661 03 |
| To amount paid for damages..... | $307 44 | |
| To balance December 31, 1883... | 353 59 | |
| | $661 03 | $661 03 |

TABLE I—Continued.

*Opening Arch Street.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation Ordinance No. 26, 1883 | | $289 43 |
| To amount paid for damages | $232 93 | |
| To balance December 31, 1883 | 56 50 | |
| | $289 43 | $289 43 |

*Closing Milliman Street.*

| | Dr. | Cr |
|---|---|---|
| By balance January 1, 1883 | | $349 38 |
| To amount paid for damages | $118 36 | |
| To balance December 31, 3883 | 231 02 | |
| | $349 38 | $349 38 |

TABLE I—Continued.

*Paving East Falls Avenue.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from City Collector | | $764 00 |
| To amount paid for paving | $1,534 22 | |
| By balance December 31, 1883 | | $1,526 58 |
| | $1,534 22 | $1,534 22 |

*Paving Ensor Street.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from the City Collector | | $3,972 91 |
| To amount paid for paving | $7,798 70 | |
| By balance December 31, 1883 | | $3,825 79 |
| | $7,798 70 | $7,798 70 |

TABLE I—Continued.

*Paving Chapel Street.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from the City Collector | | $793 71 |
| To amount paid for paving | $686 84 | |
| To balance December 31, 1883 | 106 87 | |
| | $793 71 | $793 71 |

*Paving Federal Street.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from the City Collector | | $80 92 |
| To balance December 31, 1883 | $80 92 | |
| | $80 92 | $80 92 |

TABLE I—Continued

*Paving Dolphin Street.*

| | Dr. | Cr. |
|---|---|---|
| To amount paid for paving..... | $4,009 92 | |
| By balance December 31, 1883... | | $4,009 92 |
| | $4,009 92 | $4,009 92 |

*Paving Aliceanna Street.*

| | Dr. | Cr. |
|---|---|---|
| To balance January 1, 1883..... | $3,277 69 | |
| To amount paid for paving..... | 358 55 | |
| By balance December 31, 1883... | | $3,636 24 |
| | $3,636 24 | $3,636 24 |

TABLE I—Continued.

*Paving Eagle Street.*

| | Dr. | Cr. |
|---|---|---|
| To amount paid for paving..... | $1,195 48 | |
| By amount received from the City Collector..... | | $496 18 |
| By balance December 31, 1383... | | 699 30 |
| | $1,195 48 | $1,195 48 |

*Paving Monroe Street.*

| | Dr. | Cr. |
|---|---|---|
| To amount paid for paving..... | $1,013 10 | |
| By amouut received from the City Collector..... | | $1,136 54 |
| To balance December 31, 1883... | 123 44 | |
| | $1,136 54 | $1,136 54 |

TABLE I—Continued.

*Paving Truxton Street.*

| | Dr. | Cr. |
|---|---|---|
| To balance January 1, 1883 ..... | $241 66 | |
| To amount paid for paving..... | 87 82 | |
| By balance December 31, 1883. | | $329 48 |
| | $329 48 | $329 48 |

*Paving Harlem Avenue.*

| | Dr. | Cr. |
|---|---|---|
| To amount paid for paving. ..... | $8,020 26 | |
| By amount received from the City Collector ..... | | $4,820 82 |
| By balance December 31, 1883... | | 3,199 44 |
| | $8,020 26 | $8,020 26 |

TABLE I—Continued.

*Paving Lemmon Alley.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from the City Collector | | $48 88 |
| To balance December 31, 1883... | $48 88 | |
| | $48 88 | $48 88 |

*Paving Norris Alley.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from the City Collector | | $388 92 |
| To amount paid for paving | $512 51 | |
| By balance December 31, 1883... | | 123 59 |
| | $512 51 | $512 51 |

TABLE I—Continued.

*Paving Broadway.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from the City Collector..... ..... | | $2,971 26 |
| To balance January 1, 1883..... | $4,432 81 | |
| By balance December 31, 1883... | | 1,461 55 |
| | $4,432 81 | $4,432 81 |

*Paving Race Street.*

| | Dr. | Cr. |
|---|---|---|
| To amount paid for paving..... | $2,500 00 | |
| By balance December 31, 1883... | | $2,500 00 |
| | $2,500 00 | 2,500 00 |

TABLE I—Continued.

*Paving Charles Street.*

| | Dr. | Cr. |
|---|---|---|
| To balance January 1, 1883..... | 34,904 60 | |
| To amount paid for paving..... | 1,324 93 | |
| By amount received from the City Collector ..... ..... | | $20,474 98 |
| By balance December 31, 1883... | | 15,754 55 |
| | $36,229 53 | $36,229 53 |

*Paving Bond Street.*

| | Dr. | Cr. |
|---|---|---|
| To amount paid for paving..... | $6,512 73 | |
| By amount received from the City Collector..... ..... | | $2,422 06 |
| By balance December 31, 1883... | | 4,090 67 |
| | $6,512 73 | 6,512 73 |

TABLE I—Continued.

*Paving Light Street.*

| | Dr. | Cr. |
|---|---|---|
| To balance January 1, 1883 ..... | $829 42 | |
| To amount paid for paving..... | 405 04 | |
| Balance December 31, 1883..... | | $1,234 46 |
| | $1,234 46 | $1,234 46 |

*Paving Liberty Street.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from the City Collector ..... | | $8,094 00 |
| To balance December 31, 1883... | $8,094 00 | |
| | $8,094 00 | $8,094 00 |

TABLE I—Continued.

*Paving Vincent Alley.*

| | Dr. | Cr. |
|---|---|---|
| To balance January 1, 1883..... | $742 43 | |
| By amount received from the City Collector..... | | $587 51 |
| Balance December 31, 1883..... | | 154 92 |
| | $742 43 | $742 43 |

*Paving Biddle Street.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from the Collector..... | | $3,610 99 |
| To balance December 31, 1883.... | $3,610 99 | |
| | $3,610 99 | $3,610 99 |

TABLE I—Continued.

*Paving Covington Street.*

| | Dr. | Cr. |
|---|---|---|
| To balance January 1, 1883..... | $6,612 42 | |
| To amount paid for paving..... | 699 96 | |
| By balance December 31, 1883.... | | $7,312 38 |
| | $7,312 38 | $7,312 38 |

*Paving Marshall Street.*

| | Dr. | Cr. |
|---|---|---|
| To balance January 1, 1883..... | $779 30 | |
| To amount paid for paving..... | 124 47 | |
| By amount received from the City Collector..... | | $573 67 |
| By balance December 31, 1883... | | 330 10 |
| | $903 77 | $903 77 |

TABLE I—Continued.

*Paving St. Paul Street.*

| | Dr. | Cr. |
|---|---|---|
| To amount paid for paving..... | $286 85 | |
| By balance, January 1, 1883.... | | $332 50 |
| To balance December 31, 1883... | 45 65 | |
| | $332 50 | $332 50 |

*Paving Calvert Street.*

| | Dr. | Cr. |
|---|---|---|
| To balance January 1, 1883..... | $4,629 05 | |
| By amount received from the City Collector..... | | $2,143 95 |
| By balance December 31, 1883... | | 2,485 10 |
| | $4,629 05 | $4,629 05 |

TABLE I—Continued.

*Paving York Street.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from the City Collector | | $207 89 |
| To amount paid for paving | $304 32 | |
| By balance, December 31, 1883 | | 96 43 |
| | $304 32 | $304 32 |

*Paving Mount Street.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883 | | $268 50 |
| By amount received from the City Collector | | 227 40 |
| To amount paid for paving | $295 29 | |
| To balance December 31, 1883 | 200 61 | |
| | $495 90 | $495 90 |

## TABLE I.

*Paving Central Avenue.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $491 26 |
| To amount paid for paving..... | $316 38 | |
| To balance December 31, 1883... | 174 88 | |
| | $491 26 | $491 27 |

*Paving Valley Street.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from City Collector..... | | $10 28 |
| To balance December 31, 1883... | $10 28 | |
| | $10 28 | $10 28 |

TABLE I—Continued.

*Paving Bloom Street.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $622 34 |
| By amount received from the City Collector..... | | 805 91 |
| To amount paid for paving..... | $1,120 76 | |
| To balance December 31, 1883... | 307 49 | |
| | $1,428 25 | $1,428 25 |

*Paving Sterrett Street.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883 ..... | | $161 39 |
| To amount paid for paving ..... | $16 42 | |
| To balance December 31, 1883... | 144 97 | |
| | $161 39 | $161 39 |

TABLE I—Continued.

*Paving Elliott Street.*

| | Dr. | Cr. |
|---|---|---|
| To amount paid for paving..... | $65 42 | |
| By balance, Jan'ary 1, 1883..... | | $99 39 |
| To balance, December 31, 1883.. | $33 97 | |
| | $99 39 | $99 39 |

*Paving Port Street.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $73 47 |
| To amount paid for paving..... | $45 48 | |
| To balance, December 31, 1883... | $27 99 | |
| | $73 47 | $73 47 |

TABLE I—Continued.

*Paving Montgomery Street.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1888..... | | $171 89 |
| To amount paid for paving..... | $120 52 | |
| To balance December 31, 1883... | 51 37 | |
| | $171 89 | $171 89 |

*Paving Goodman Alley.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $90 85 |
| To amount paid for paving..... | $58 42 | |
| To balance December 31, 1883... | 32 43 | |
| | $90 85 | $90 85 |

TABLE I.—Continued.

*Paving Binney Street.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883 ..... | | $223 99 |
| To amount paid for paving..... | $159 73 | |
| To balance December 31, 1883... | 64 26 | |
| | $223 99 | $223 99 |

*Paving Claret Alley.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1.1883 ..... | | $111 82 |
| To amount paid for paving..... | $68 01 | |
| To balance December 31, 1883... | 43 81 | |
| | $111 82 | $111 82 |

TABLE I—Continued.

*Paving China Street.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $221 73 |
| By amount received from City Collector .. ..... | | 357 16 |
| To balance paid for paving..... | $467 73 | |
| To balance December 31, 1883... | 111 16 | |
| | $578 89 | $578 89 |

*Paving Fulton Avenue.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $506 50 |
| To amount paid for paving..... | $381 15 | |
| To balance December 31, 1883... | 125 35 | |
| | $506 50 | $506 50 |

TABLE I—Continued.

*Paving Hanover Street.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $3,270 50 |
| By amount received from City Collector ..... | | 4,609 36 |
| To balance December 31, 1883... | $7,879 86 | |
| | $7,879 86 | $7,879 86 |

*Paving Stoddard Alley.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $97 60 |
| By amount received from City Collector ..... | | 70 87 |
| To balance December 31, 1883... | $168 47 | |
| | $168 47 | $168 47 |

TABLE I—Continued.

*Paving Eutaw Place.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from City Collector | | $20,092 08 |
| To balance December 31, 1883... | $20,092 08 | |
| | $20,092 08 | $20,092 08 |

*Paving Morton Alley.*

| | Dr. | Cr. |
|---|---|---|
| By balance January 1, 1883..... | | $113 52 |
| By amonnt received from the City Collector..... | | 557 19 |
| To amount paid for paving..... | $567 34 | |
| Balance December 31, 1883..... | 103 37 | |
| | $670 71 | $670 71 |

TABLE I—Continued.

*Paving Burke Street.*

| | Dr. | Cr. |
|---|---|---|
| To balance January 1, 1883..... | $318 01 | |
| By amount received from the City Collector..... ..... ..... | | $241 58 |
| By balance December 31, 1883... | | 76 43 |
| | $318 01 | $318 01 |

*Paving Howard Street.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from the City Collector..... ..... ..... | | $28,487 19 |
| To balance January 1, 1883..... | $24,208 70 | |
| To balance December 31, 1883... | 4,278 49 | |
| | $28,487 19 | $28,487 19 |

TABLE I—Continued.

*Paving Bruce Alley.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from the City Collector | | $1,825 20 |
| To amount paid for paving | $1,592 87 | |
| Balance December 31, 1833 | 232 33 | |
| | $1,825 20 | $1,825 20 |

*Paving Addison Alley.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from the City Collector | | $1,048 09 |
| To amount paid for paving | $865 82 | |
| Balance December 31, 1883 | 182 27 | |
| | $1,048 09 | $1,048 09 |

TABLE I—Continued.

*Paving Parks Street.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from City Collector ..... | | $250 92 |
| To balance December 31, 1883... | $250 92 | |
| | $250 92 | $250 92 |

*Paving Caroline Street.*

| | Dr. | Cr. |
|---|---|---|
| To amount paid for paving..... | $18,011 85 | |
| By balance December 31, 1883... | | $18,011 85 |
| | $18,011 85 | $18,011 85 |

TABLE I—Continued.

*Paving Gay Street.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from City Collector | | $14,121 29 |
| To balance December 31, 1883... | $14,121 29 | |
| | $14,121 29 | $14,121 29 |

*Paving McKim Street.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from City Collector | | $1,728 85 |
| To amount paid for paving. .... | $6,262 94 | |
| By balance December 31, 1883... | | $4,564 09 |
| | $7,292 94 | $6,292 94 |

TABLE I—Concluded.

*Paving Arch Street.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from City Collector | | $366 86 |
| To amount paid for paving | $442 50 | |
| To balance December 31, 1883 | | $75 64 |
| | $442 50 | $442 50 |

*Paving Interest.*

| | Dr. | Cr. |
|---|---|---|
| By amount received from City Collector | | $5,748 87 |
| To balance December 31, 1883 | $5,748 87 | |
| | $5,748 87 | $5,748 87 |

# ANNUAL REPORT

OF THE

# GENERAL SUPERINTENDENT OF LAMPS

AND

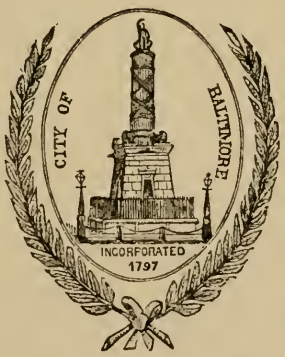
*INSPECTOR AND SEALER OF GAS METERS,*

TO THE

*Mayor and City Council of Baltimore,*

FOR THE

FISCAL YEAR ENDING DECEMBER 31, 1883.




BALTIMORE:
PRINTED BY JOHN B. PIET & CO.,
CITY PRINTERS.
1884.

# REPORT.

---

OFFICE OF THE GENERAL SUPERINTENDENT OF LAMPS
AND INSPECTOR AND SEALER OF GAS METERS,

BALTIMORE, January 10, 1884.

*To the Honorable the Mayor*
*and City Council of Baltimore:*

GENTLEMEN:

In compliance with the ordinance creating the Department of General Superintendent of Lamps and Inspector and Sealer of Gas Meters, I have the honor of exhibiting the fifth annual statement of its operations, including appropriations, receipts and disbursements for the year ending December 31, 1883.

There has been erected one hundred and eighty-seven (187) new gas-lamps during the year, and twenty-two (22) relighted, the present number being five thousand and fifty-six (5,056), exclusive of those in the squares, and on St. Paul-street, Calvert-street and North-street bridges.

There has also been twelve (12) additional lamps erected in Harlem Square, the present number in that square being thirty (30).

By consent of the Mayor, large, handsome lamp-posts, lamps, and burners of double-size have been erected on the bridges that are not lighted by electric lights; these lamps present a handsome appearance, and light these dark, but in many cases, fine structures.

There are ten hundred and six gasoline lamps in use in the alleys and outskirts of the city where there are no gas mains; these are being continuously replaced by gas, and the gasoline is carried further out towards the boundary line.

These gasoline lamps are doing as well as can be expected. There are difficulties in the use of all vapor lamps that cannot be overcome in consequence of a want of pressure on the vapor when formed to force it to the point of combustion or burning point, consequently they may be blown out in windy weather, but I am satisfied they are doing as well as any lamps of a similar character.

There has been some gasoline lamps burnt in consequence of carelessness on the part of the person that fills them, or the lamplighters lighting them; these cases, however, are few.

If they do catch fire, and there is any considerable flame, it is best to let them burn, in position on the post, until entirely consumed; in no case attempt to remove or throw them off the post while on fire, or the contents of the reservoir will certainly be scattered on the person and adjoining property with serious danger, but very little if any damage will occur if left to burn out.

There are two hundred and twenty-five (225) electric lights in use for street lighting purposes. They are

burning more steady since the company increased their power and size of their works. I presume they are able to meet any demand that may be made on them.

I think the time has come to make an effort to place the conducting wires under ground to avoid danger to persons and property. Some of our sister cities are moving in this matter with considerable energy. Chicago is not generally behind in adopting improvements, but they have not a single public electric light, because they will not allow the wires to be put on poles.

As far as I can learn there has not been any successful effort to lay underground wires in this country, but in Europe, at a heavy expense, a successful endeavor has been made. I am much indebted to the Brush Electric Light Company for many acts of courtesy and prompt attention to any orders or requests made of them.

The Consolidated Gas Company have laid a large amount of mains during the year. In some places it has been very much needed for years.

I would recommend that authority be given to the General Superintendent of Lamps to order the gas company to lay mains in special cases during any recess of the Council, as there are times when it is very desirable to erect a few lamps, but there is no authority to order the mains laid except by resolution of the Mayor and City Council. At times there is much delay in securing the necessary legislation when the Council is busy with other matters, but the company is ready to respond to any authorized authority where credit is given them for the amount of cost for laying the same.

There continues to be some confusion with the gas supply. Sometimes water and at other times coal gas is sent out in the same district and lamps of the city. On the 2d of June last I sent a communication to the Consolidated Gas Company on the subject, which was referred to the engineer of the company for a reply, but I have not received any definite answer to this date. I am, however, promised a reply as soon as there is a settled plan adopted.

This is very desirable, as water gas is much heavier than coal gas, which prevents the same quantity passing to the burning point with the same pressure, consequently the flame is smaller and less light when water gas is supplied than if coal is used, as the illuminating power of both are the same per cubic foot. The burners should be adopted to each gas, but I am unable to do so in consequence of having no data to arrange or locate them.

I am much indebted to the superintendents and many of the lamplighters for the cheerful manner in which they have carried out any orders or requests made of them from time te time.

Respectfully submitted,

F. W. KING,
*General Superintendent of Lamps, &c.*

## LIST OF TABLES

*Annexed to the Report of the General Superintendent of Lamps and Inspector and Sealer of Gas Meters for the Year ending December* 31, 1883.

Table A exhibits the number and size of gas meters inspected and sealed; also, rejected, being incorrect or otherwise out of order.

Table B shows the amount received by the department and paid to the City Register on the warrant of the Comptroller, from January 1st to December 31, 1883.

Table C exhibits the amount of appropriations and amounts expended, with balance unexpended.

Table D shows the amounts required for the year ending December 31, 1884.

Table E shows the length and size of gas mains laid, as directed by resolutions of the Mayor and City Council, reported by the gas company from January to December, 1883, inclusive.

## TABLE A

*Exhibits the Number and Size of Gas Meters Inspected, also Rejected, being Incorrect or Otherwise Out of Order.*

| | Size and Number of Meters Inspected and Sealed. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Size of Meters | 2 | 3 | 5 | 10 | 20 | 30 | 45 | 60 | 80 | 100 | 150 | 200 |
| Number of Meters | 74 | 3329 | 4752 | 490 | 120 | 41 | 34 | 16 | 3 | 15 | 2 | 3 |

| | Size and Number of Meters Rejected, Being Incorrect or Otherwise out of Order | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Size of Meters | 2 | 3 | 5 | 10 | 20 | 30 | 45 | 60 |
| Number of Meters | 9 | 64 | 83 | 20 | 1 | 5 | 1 | 3 |

In addition to the above there were twenty (20) street lamp meters taken out of position and tested. Eight (8) of which were incorrect or out of order.

## TABLE B

Shows the amount received by the Department and paid to the City Register on the warrant of the Comptroller, from January 1, to December 31, 1883.

| | |
|---|---|
| Inspecting Gas Meters | $2,167 25 |
| Repairs of Lamps | 51 75 |
| | $2,219 00 |

## TABLE C

Exhibits the amount of Appropriations and amounts expended, with balance unexpended.

| | DR. | CR. |
|---|---|---|
| Lamp-Pillars and Lamp Account | $21,999 19 | $22,000 00 |
| Balance | 81 | |
| | $22,000 00 | |
| Gas and Electric Light Account | $197,962 32 | $210,737 50 |
| Balance | 12,775 18 | |
| | $210,737 50 | |
| Keeping General Superintendent's Horse and Wagon | $300 00 | $300 00 |

## TABLE D

Shows the amounts required for the year ending December 31, 1884.

| | |
|---|---|
| Lamp-pillars and lamps, including gasoline lamp supplies and repairs, gas and gasoline posts, lamps or lanterns, repairs of gas lamps, street signs, globes and incidentals | $22,000 00 |
| Gas and electric lights, including gas for street lamps, markets, halls, bridges, squares, &c | $210,737 00 |
| Keeping General Superintendent's horse and wagon | $300 00 |

## TABLE E

Showing the Length and Size of Gas Mains laid, and reported by the Consolidated Gas Company, as directed by resolutions of the Mayor and City Council, from January 1, to December 31, 1883.

| | Feet. | Inches. |
|---|---|---|
| Feb. 8th—Lancaster street, between Ann and Register streets..... | 140 | 4 |
| April 10th—Barclay street, from Townsend to Lanvale streets..... | 372 | 4 |
| Lanvale street, between Barclay street and Carter's alley..... | 192 | 4 |
| Hoffman street, from Gay street to Patterson Park avenue.... | 1,538 | 4 |
| May 2d—Central avenue, from No. 229, north of Hoffman, to Oliver street..... | 171 | 4 |
| Chester street, from Fairmount avenue to Fayette street .... | 309 | 4 |
| Presstman street, between Gilmor street and Fulton avenue. | 597 | 4 |
| On Light and Marshall street, between Barney and McComas streets..... | 1,032 | 4 |
| Chester street, between Baltimore street and Fairmount avenue..... | 209 | 4 |
| Collington avenue, from Baltimore to Lombard streets.... | 206 | 4 |
| Robert street, between Pennsylvania avenue and Division street..... | 199 | 4 |

TABLE E—Continued.

| | Feet. | Inches. |
|---|---|---|
| May 2d—Laurens street, between Division street and Pennsylvania ave. | 195 | 4 |
| June 1st—Beason street, between Haubert and Hull streets | 131 | 4 |
| Marshall street, between McComas and Dorsey streets. | 2,831 | 4 |
| Bloom street, east of Madison avenue, to Morris alley | 186 | 4 |
| July 1st—Beason street, between Haubert and Hull street | 75 | 4 |
| Haubert street, between Beason and Nicholson streets | 456 | 4 |
| Mosher street, from Mount street to Bruce alley | 251 | 4 |
| Gough street, between Granby and Pratt streets | 278 | 4 |
| Watson street, between Lloyd street aud Central avenue | 420 | 3 |
| Fairmount avenue, between Chester and Castle streets | 190 | 4 |
| Jefferson street, between Wolfe and Chapel streets | 180 | 4 |
| Presstman street, between Etting street and Druid Hill av. | 190 | 4 |
| Arch street, between German and Baltimore streets | 140 | 4 |

TABLE E—Continued.

| | Feet. | Inches. |
|---|---|---|
| July 1st—Mount street, between Mulberry and Franklin streets.. | 153 | 4 |
| Aug. 1st—Haubert street, between Ferry Wharf and Nicholson street.. | 1041 | 4 |
| O'Donnell street, south side, from Patuxent to Potomac street..... | 403 | 4 |
| Pitcher street, between Argyle and Pennsylvania avenues... | 344 | 4 |
| Sharp street, between Cross and West streets..... | 239 | 4 |
| Linden avenue, from Laurens to Presstman street..... | 742 | 4 |
| Sep. 1st—East side Park avenue, north of McMechen street..... | 197 | 4 |
| Sharp street, between Ostend and Stockholm streets..... | 263 | 4 |
| Sharp street, between Stockholm and West streets..... | 547½ | 4 |
| Northeast side Presstman street, east of Madison avenue..... | 196 | 4 |
| Luzerne street, from Lancaster street to Canton avenue..... | 698 | 4 |
| Lorman street, between Mount street and Fulton avenue.... | 388 | 4 |
| Mount street, from an alley directly south of Edmondson avenue..... | 107 | 4 |

TABLE E—Concluded.

| | Feet. | Inches. |
|---|---|---|
| Sep. 1st—Griffin's Court (east of Broadway) north from Eastern ave. | 137 | 3 |
| Decker alley, between Chase and Eager streets | 230 | 3 |
| Bruce alley, immediately south of Lanvale street | 115 | 3 |
| Oct. 1st—Commerce street, from Pratt street to the wharf | 435 | 4 |
| Fulton street, from Ramsay to Eagle street | 800 | 4 |
| Nov. 1st—Park avenue, between Wilson and Laurens streets | 497 | 4 |
| Montrose street, between Stricker and Gilmor streets | 326 | 4 |
| Warren avenue, east of Johnson street | 276 | 4 |
| Monroe street, between Baltimore and Hollins streets | 175 | 4 |
| Dec. 1st—Preston street, between Aisquith and Valley streets | 825 | 4 |

# ANNUAL REPORT

OF THE

# Inspector of Buildings

TO THE

## Mayor and City Council of Baltimore,

FOR THE

FISCAL YEAR ENDING DECEMBER 31, 1883.

# REPORT.

OFFICE INSPECTOR OF BUILDINGS,
BALTIMORE, January 1, 1884.

*To the Honorable the Mayor*
*and City Council of Baltimore:*

GENTLEMEN:

In compliance with Ordinance No. 9, 1863, I have the honor to submit for your consideration the following report of the operations of this department for the year ending December 31, 1883:

## THE ERECTION OF PUBLIC SCHOOL HOUSES.

Public School No. 14, Linden avenue and Wilson street, was completed early in the year, and duly turned over to the School Commissioners.

Male and Female Grammar School No. 11, corner of Bond and Jefferson streets, was put under contract with F. T. Gallagher in September last, for the net sum of seventeen thousand and nineteen dollars. It has pro-

gressed as far as the second story, and will doubtless be completed in full time for the fall session of the public schools.

### REPAIRS OF PUBLIC SCHOOL HOUSES.

Considerable improvements and repairs have been effected at Baltimore City College. Six small tenement houses in the rear of the lot have been removed, and the lot graded and enclosed by a substantial wall and fence, thereby very largely increasing the area of the play grounds. Alterations and repairs have been made in several of the rooms, and the apartments repainted and freshened.

### GRAMMAR SCHOOL NO. 17.

The lot recently bought by the city in the rear of this school house has been graded, and is now ready to be paved. A substantial retaining wall has been built, and the enclosure surrounded with a good fence.

Additional class rooms have been erected at the Western Female High School, and at Grammar No. 3 the yard has been paved and the closet rebuilt. Grammar Schools Nos. 7, 8 and 30 have been painted, and fire escapes erected at Primary No. 4 and at Colored School No. 1.

Without going into further details of the repairs and improvements at the various public school houses, I may express the assurance that my attention to them has been unremitting, and that they are now all in good condition, none of them at this time requiring any special repair.

The recent fires at No. 15 Carrollton avenue, and at No. 23 Gough and Wolfe streets, involving repairs to the extent of some $800, so late in the year, completely exhausted the small amount I had held in reserve out of the appropriation for repairs of public schools.

### REPAIRS OF ENGINE HOUSES.

New floors have been laid at Nos. 3, 5, 6, 9 and 13, and hose dryers built at Nos. 3, 8, 10, 11 and 13. The plaster ceiling at No. 3 has been replaced by a substantial board ceiling, and the roof of the stable covered with tin. At No. 7 the stable has been remodeled, the parlor papered and a sitting room built.

The stalls of all the houses are now in perfect repair.

### MARKET HOUSES.

The market houses are all in good repair, and no important work has been required at any of them. At Lexington Market the iron spiral stairs recently erected were removed by resolution of Council, and a wooden stairway substituted.

At the Broadway Market a new pavement was laid in front of the Institute, and the interior of that building improved and the furniture renovated, as directed by Resolution No. 158.

### COURT HOUSES.

The several court houses are in good condition, no repairs of importance being required, beyond some slight repairs to the roof of the old court house. The

principal item of expense in this department was that of $500 for a carpet for the Superior Court room, which I was directed to procure by Ordinance No. 37, April 21st.

CITY HALL.

Seventeen of the offices in the City Hall and the interior of the rotunda have been handsomely painted and frescoed, and artisans are now engaged painting and decorating and ventilating the Council chambers, to be in readiness for the approaching session. The roof and valleys have been recently overhauled and put in thorough repair. Substantial railings have been erected as safeguards at the front portico and along and above the balusters of the four stairways, in accordance with Resolution No. 17, appropriating $1,360 for that purpose.

CITY JAIL.

The interior and exterior of this building has been well painted, the old heating pipes removed, and radiators introduced in their stead. The roadway inside the enclosure, and part of the yard, have been paved with stone.

CESS-POOLS.

Due attention has been given to this branch of the duties of this office, and I may report all of them to have been emptied to ample depth.

BAYVIEW ASYLUM.

The new addition to Bayview Asylum has been

plastered throughout, the iron stairs all erected, and the iron window sash under contract, to be in place in the early spring. Some 3,000 feet of additional fencing has been erected around the inclosure, and the carpenters are now well advanced in the work of finishing the interior.

### QUARANTINE HOSPITAL.

The four buildings at Hawkins' Point for the Quarantine Hospital were completed in March last and turned over to the city by the contractors, and since that time have been in charge of a watchman. The heating apparatus has been erected, and is guaranteed to answer its requirements when put to practical test. Drain pipes have been introduced into the cellars to keep them dry and wholesome.

Two attempts have been made to secure a supply of water by means of artesian wells, so far without success.

### TEMPORARY PEST HOSPITALS.

Temporary frame structures were erected in January last at the Marine Hospital and at Bayview Asylum, at a cost of about $5,000, for the accommodation of small-pox patients.

### MONUMENTS.

The Battle Monument was thoroughly renovated and put in perfect condition in the fall, and some portions of the interior of the Washington Monument replastered.

A light iron railing has been placed around the Armistead Monument at Eutaw Place, as directed by Resolution No. 130, May 1st.

### RENUMBERING HOUSES.

In regard to the numbering of houses, I beg to reiterate what I said in my last annual report. Daily experience convinces me of the entire inefficiency of the present system of numbering the houses, and I adhere to what I have heretofore said in this connection.

The renumbering of Gilmor street, from Baltimore to Cumberland street, will be completed at an early date.

### SIGNS.

Remonstrances are frequently urged against the growing evil of erecting signs overhead across the sidewalks, and stationary signs and showcases at the kerb.

Many of the business thoroughfares are so filled up with these objectionable devices as to constitute a positive nuisance, by obstructing the highway, as well as a view of the street any distance ahead, and imparting a country village appearance to these business localities. In some sections of the city the signs overhead known as "light-boxes" are a positive disgrace, and I have refused to issue permits for such signs.

As long as the power is vested in me to grant permission for the erection of these signs I can exercise

no control over this objectionable feature of our business thoroughfares, but I would earnestly recommend to your honorable body such legislation as will effectually remedy the evil.

### PROVISION FOR THE SECURITY OF LIFE, &C.

In obedience to the act of the Legislature, March 21, 1882, making it my duty to visit all churches, hotels, theatres, factories, and other places of large assemblages, for the purpose of promoting security of life in cases of danger from fire or other causes, I have given notice to all churches to hang their main doors in such manner as to open outwards, or where that cannot be done to have them securely fastened back during service. I have also visited in person, or by deputy, most of the manufacturing establishments to which my attention has been directed, and notified the proprietors to provide ample means of escape in case of panic amongst their operatives, and am happy to state that in most cases I have been met with a cordial disposition to comply with the requirements of the law.

### DANGEROUS WALLS.

During the year I have visited some two hundred and fifty or more premises, the walls of which were reported as dangerous, and have issued 118 notices of condemnation and 70 notices to repair.

The ordinance of April 5th, abolishing the erection of four-inch walls in the future, will doubtless lessen to a great extent the many sources of complaint in this direction.

## THE TABLES

Accompanying this report will show:

First, the amount of appropriations and disbursements by this department during the year 1883.

Secondly, the revenues of the office for the same period, and

Thirdly, the sum required for the year 1884.

All of which is respectfully submitted,

JOHN S. HOGG,
*Inspector of Buildings.*

# TABLES.

## TABLE A.

*Showing the appropriations for the Department of the Inspector of Buildings for the year* 1883, *and the disbursements to* 31*st December.*

| Object of Appropriation. | Amount. | Expended. | Balance unexpended. |
|---|---|---|---|
| Building addition to Bayview Asylum | $10,000 00 | $ 9,800 41 | $ 199 59 |
| " Quarantine Hospital | 11,128 06 | 11,052 80 | 75 26 |
| " Public School No. 14 | 6,546 00 | 6,546 00 | ..... |
| " M. & F. Grammar School No. 11 | 5,000 00 | 2,029 26 | 2,970 74 |
| " Temporary Pest Hospitals | 5,212 60 | 5,212 60 | ..... |
| Repairs of Public Schools | 10,000 00 | 9,997 93 | 2 07 |
| " " Court Houses | 1,800 00 | 1,257 02 | 542 98 |
| " " Engine Houses | 5,500 00 | 5,464 41 | 35 59 |
| " " Market Houses | 3,250 00 | 5,878 07 | 371 93 |
| " " Monuments | 800 00 | 779 50 | 20 50 |
| " " City Hall | 4,500 00 | 4,394 61 | 105 39 |
| " " City Jail | 1,600 00 | 1,597 15 | 2 85 |
| Erecting Railings at City Hall | 1,360 00 | 1,150 00 | 210 00 |
| Cleaning Cess-pools | 2,000 00 | 1,497 50 | 502 50 |
| Salaries | 5,333 34 | 5,249 99 | 83 35 |
| Incidental Expenses | 500 00 | 486 00 | 14 00 |

## TABLE B.

Showing the Revenues of the Office of the Inspector of Buildings during the year 1883, and the number and character of the permits issued.

| | | |
|---|---|---|
| 31 bay-windows from the ground... | | $3,100 00 |
| 23 " at upper stories... | | 230 00 |
| 58 poles..... | | 116 00 |
| 370 signs..... | | 740 00 |
| 754 frame sheds and additions..... | | 2,161 77 |
| 82 steam engines and boilers..... | | |
| Received for advertising applications..... | $2,716 50 | |
| Paid for same..... | 1,345 31 | |
| | | 1,371 19 |
| Net revenue..... | | $7,718 96 |

## TABLE C.

Showing the amount required by the Inspector of Buildings for the year 1884.

| | | |
|---|---|---|
| For the completion of Bayview Asylum... | | $31,000 00 |
| " " Public School No. 11. | | 15,220 00 |
| " " Quarantine Hospital | | 1,500 00 |
| For cleaning Cess-pools..... | | 2,000 00 |
| | | $49,720 00 |
| For the repair of city property, as follows: | | |
| Public schools..... | $9,000 00 | |
| City Hall..... | 4,500 00 | |
| Engine houses..... | 4,500 00 | |
| Market houses..... | 2,800 00 | |
| City Jail..... | 2,800 00 | |
| Court houses..... | 1,500 00 | |
| Monuments..... | 400 00 | |
| | | 25,500 00 |
| For Salaries..... | $5,500 00 | |
| Incidental expenses (livery, &c.). | 550 00 | |
| | | 6,050 00 |
| | | $81,270 00 |

# ANNUAL REPORT

OF THE

# JUDGES OF THE APPEAL TAX COURT,

TO THE

## Mayor and City Council of Baltimore,

FOR THE

FISCAL YEAR ENDING DECEMBER 31, 1883.

# REPORT.

---

APPEAL TAX COURT,
BALTIMORE, January 1, 1884.

*To the Honorable the Mayor*
*and City Council of Baltimore:*

GENTLEMEN:

We herewith report the result of our work for the year 1883.

Tabular statement A shows the taxable basis charged to the City Collector from the years 1879 to 1883, inclusive, with the assessments added to each and the collections and abatements made on each.

Tabular statement B exhibits by wards the number of building permits issued during the year.

Tabular statement C, the Assessor's Report, shows the number of new buildings and additional improvements assessed, the wards in which they are severally located, and the detailed and aggregate valuations of the same.

Following these tables will be found the reports respectively of the Assessors for Real Estate and the Bailiffs.

## TABLE A.

Statement of Property for each year that stand charged to the City Collector December 31, 1883.

| 1879. | *Real.* | *Personal.* |
|---|---|---|
| Amount of assessment unpaid January 1, 1883 | $399,729 | $991,434 |
| Amount of refunds to December 31, 1883 | | 4,031 |
| | $399,729 | $995,465 |
| Amount of abatements during 1883 | $ 6,576 | $622,644 |
| Amount collected upon | 161,797 | 114,451 |
| Amount remaining uncollected (closed by limitation) | 231,356 | 258,370 |
| | $399,729 | $995,465 |
| 1880. | | |
| Amount of assessment unpaid January 1, 1883 | $10,590,107 | $ 2,737,891 |
| Amount of refunds to December 31, 1883 | | 17,880 |
| | $10,590,107 | $2,755,771 |
| Amount of abatements during 1883 | $ 64,603 | $730,748 |
| Amount collected upon | $10,158,776 | $ 648,025 |
| Amount remaining uncollected. | 366,728 | 1,376,998 |
| | $10,590,107 | $2,755,771 |

| 1881. | *Real.* | *Personal.* |
|---|---|---|
| Amount of assessment unpaid January 1, 1883 | $18,348,986 | $3,924,354 |
| Amount of new assessment during 1883 | 1,130 | |
| Amount of refunds to December 31, 1883 | 40,834 | |
| | $18,390,950 | $3,924,354 |
| Amount of abatements during 1883 | $ 173,612 | $ 955,084 |
| Amount collected upon | 16,450,128 | 615,871 |
| Amount remaining uncollected. | 1,767,210 | 2,353,399 |
| | $18,390,950 | $3,924,354 |
| 1882. | | |
| Amount of assessment unpaid January 1, 1883 | $56,068,356 | $10,591,685 |
| Amount of new assessment during 1883 | 1,130 | 650 |
| Amount of refunds to December 31, 1883 | 118,408 | |
| | $56,187,894 | $10,592,355 |
| Amount of abatements during 1883 | $ 387,369 | $ 1,789,782 |
| Amounts collected upon | 39,613,642 | 4,971,198 |
| Amount of plant exempt | | 574,867 |
| Amount remaining uncollected. | $16,186,883 | 3,256,488 |
| | $56,187,894 | $10,592,335 |

| 1883. | *Real.* | *Personal.* |
|---|---|---|
| March 1. Amount of assessments remaining as part of assessment of 1882..... | $187,460,748 | $37,851,227 |
| Amount of new assessment, less abatements on appeals. | 3,318,169 | 2,202,522 |
| Amount of new assessment, incorated companies ..... | | 20,651,019 |
| Amount of new assessment during 1883..... | 59,384 | 98,249 |
| | $190,838,301 | $60,803,017 |
| Amount of abatements during 1883..... | $924,807 | 1,913,279 |
| Amount collected upon..... | $131,931,251 | 45,803,525 |
| Amount remaining uncollected..... | 57,982,243 | 13,086,213 |
| | $190,838,301 | $60,803,017 |

## RECAPITULATION.

Amount for different years charged to City Collector January 1, 1884.

| | | | |
|---|---|---|---|
| 1880—Real ..... | $ 366,728 | | |
| " Personal.. | 1,376,998 | | |
| | | $1,743,726 | |
| 1881—Real ..... | $1,767,210 | | |
| " Personal.. | 2,353,399 | | |
| | | $4,120,609 | |
| 1882—Real ..... | $16,186,883 | | |
| " Personal.. | 3,256,488 | | |
| | | $19,443,371 | |
| 1883—Real ..... | $57,982,243 | | |
| " Personal.. | 13,086,213 | | |
| | | $71,068,456 | |
| | | $96,376,162 | |
| Less amount of plant for 1883 exempt..... | | 1,427,858 | |
| | | | $94,948,304 |

## TABLE B.

The number of permits issued from January, 1883, to December, 1883 for new buildings and improvements, was three thousand and ten, (3,010), and apportioned among the several wards as follows:

| Wards. | New Improvements. | Additional Improvements. | Total. |
|---|---|---|---|
| 1 | 266 | 79 | 345 |
| 2 | 18 | 40 | 58 |
| 3 | 8 | 34 | 42 |
| 4 | 19 | 18 | 37 |
| 5 | 18 | 34 | 52 |
| 6 | 9 | 32 | 41 |
| 7 | 101 | 53 | 154 |
| 8 | 212 | 11 | 223 |
| 9 | 14 | 25 | 39 |
| 10 | 24 | 27 | 51 |
| 11 | 23 | 25 | 48 |
| 12 | 153 | 21 | 174 |
| 13 | 10 | 17 | 27 |
| 14 | 17 | 24 | 41 |
| 15 | 14 | 28 | 42 |
| 16 | 36 | 29 | 65 |
| 17 | 226 | 42 | 268 |
| 18 | 253 | 40 | 293 |
| 19 | 732 | 48 | 780 |
| 20 | 209 | 21 | 230 |
| | 2,362 | 648 | 3,010 |

## TABLE C.

BALTIMORE, January 3d, 1884.

*To the Honorable*
*Judges of the Appeal Tax Court:*

Below will be found the number of new and additional improvements, with the cash value thereof, as assessed by me in the different wards, during the year 1883:

| Wards. | New Improvements. | Additional Improvements. | Cash Value. |
|---|---|---|---|
| 1 | 239 | 64 | $205,605 |
| 2 | 15 | 16 | 14,325 |
| 3 | 3 | 6 | 9,100 |
| 4 | 11 | 4 | 32,575 |
| 5 | 11 | 10 | 21,050 |
| 6 | 13 | 30 | 37,895 |
| 7 | 93 | 39 | 66,775 |
| 8 | 84 | 3 | 228,250 |
| 9 | 14 | 17 | 158,125 |
| 10 | 21 | 21 | 262,350 |
| 11 | 20 | 16 | 120,250 |
| 12 | 139 | 26 | 450,300 |
| 13 | 17 | 14 | 42,000 |
| 14 | 1 | 7 | 6,425 |
| 15 | 6 | 2 | 40,500 |
| 16 | 2 | 0 | 1,000 |
| 17 | 82 | 6 | 40,350 |
| 18 | 94 | 2 | 97,050 |
| 19 | 855 | 43 | 991,075 |
| 20 | 56 | 12 | 58,025 |
| Totals | 1,776 | 338 | $2,883,025 |

Respectfully submitted,

MICHAEL ROCHE, *Assessor.*

☞NOTE.—Between this and the first of March about one million of dollars will be added to above assessments.

BALTIMORE, January 2, 1884.

*To the Honorable Judges*
*of the Appeal Tax Court:*

GENTLEMEN:

The undersigned, Assessors, have the honor to submit for your consideration their report of reassessments of property during the year ending December 31, 1883:

For abatements allowed on petitions of owners claiming to be over-assessed, see tabular statement annexed:

| Wards. | No. of Appeals. | Appeals Granted. | Appeals Dismisssed. | Am't Abated. |
|---|---|---|---|---|
| 1 | 22 | 16 | 6 | $ 14,635 |
| 2 | 20 | 19 | 1 | 17,250 |
| 3 | 33 | 23 | 10 | 14,850 |
| 4 | 79 | 65 | 14 | 43,050 |
| 5 | 52 | 47 | 5 | 19,550 |
| 6 | 99 | 72 | 27 | 28,875 |
| 7 | 73 | 55 | 18 | 49,893 |
| 8 | 55 | 14 | 41 | 6,228 |
| 9 | 185 | 152 | 33 | 217,078 |
| 10 | 69 | 47 | 22 | 66,938 |
| 11 | 54 | 42 | 12 | 51,000 |
| 12 | 96 | 65 | 31 | 51,400 |
| 13 | 31 | 28 | 3 | 16,656 |
| 14 | 51 | 39 | 12 | 50,850 |
| 15 | 91 | 57 | 34 | 72,900 |
| 16 | 47 | 29 | 18 | 10,050 |
| 17 | 164 | 61 | 103 | 62,993 |
| 18 | 54 | 40 | 14 | 13,284 |
| 19 | 184 | 98 | 86 | 50,880 |
| 20 | 43 | 25 | 18 | 8,000 |
| | 1502 | 994 | 508 | $866,360 |

It will be observed that the number of appeals for abatements are largely in excess of the previous year (1882). A large portion of the said appeals were on property located in sections of the city where the depreciation since the last general assessment was very marked, notably portions of East Baltimore street from Jones' Falls to Central avenue, Centre Market Space, South Gay, South Frederick, Courtland and St. Paul streets, wharf property from Bowly's to McElderry's wharf, certain South Baltimore property in the Fifteenth and Seventeenth Wards.

That we have been enabled to satisfy the complaints of this large number of appealants will, we trust, largely diminish the appeals for abatement in future years.

In January, 1883, after we had finished the appeals for abatements, we placed upon the tax books, (after a hearing before your Court), such property as we believed had increased in value since the last general assessment; the examination of which had been made the previous summer, and after affording all parties interested a full opportunity to be heard, returned increases to the amount of seven hundred and seventy-two thousand, four hundred and eighty-three dollars, ($772,483), of which amount six hundred and sixty-six thousand, nine hundred and eighty-nine dollars, ($666,989), was upon real estate, and one hundred and five thousand, four hundred and ninety-four dollars, ($105,494), upon the property of corporations not hitherto assessed, all of which was added to the basis of 1883.

During the past summer we examined and listed considerable real property that, in our judgment, had materially increased in value, the hearing of which, by

your honorable Court, has been delayed by our examination of the appeals for abatements. It will, however, be placed upon the books in time to be added to the basis of 1884.

Respectfully submitted,

WM. W. ORNDORFF,
JAS. S. MORROW,
*Assessors.*

JAS. F. DEALE, *Clerk.*

TAX DEPARTMENT,
CITY COLLECTOR'S OFFICE—CITY HALL,
BALTIMORE, January 1, 1884.

*To the Honorable Judges of the*
*Appeal Tax Court for Baltimore City:*

GENTLEMEN:

The undersigned reports the Bailiff's Department as having made assessments of personal property to March 1, 1883, of the following amount: One million, one hundred and sixty thousand, eight hundred and forty-five dollars ($1,160,845).

Respectfully submitted,

MICHAEL P. CAUGHY, *Bailiff.*

REFUNDS.

From January 1, 1883, to December 31, 1883, there have been one hundred and twenty (120), orders for refunding of taxes, given generally to parties who have paid in error, either as double payments or on wrong property, or having paid on old improvements torn down, as well as on the new improvements.

TRANSFERS.

From January 1, 1883, to December 31, 1883, there have been five thousand, three hundred and thirteen, (5,313), transfers of property, against 4,313 for 1882.

PLANT.

The amount of application and exemption from city taxes for plant for 1883, aggregate a total of $1,427,858, against $574,867 for 1882.

In the report which we had the honor to make to your honorable body a year ago we called attention to the fact that a commission was in existence, appointed by the Council, to examine and report upon the present system of assessments and of collecting taxes in this city. That commission still continues, but has never made any report except that of October, 1881.

Governor McLane and State Tax Commissioner Woolford have recently referred to the defects in the present tax laws, and legislation is expected from the Assembly now convened looking to the enacting of a tax system that shall equalize the burden.

Boston, with a population about equal to Baltimore, had as part of its taxable basis for the year 1882 two hundred and forty-four millions of *personal* property, while Baltimore for the same year had only sixty-one millions of *personal* property included in its taxable basis, that of Boston being four times larger. After making all reasonable allowance for the greater wealth of our Eastern city, the immense discrepancy in the tax derived from personal property in the two cities can only be explained upon the theory that with us a very large proportion of personal property escapes the assessor altogether; and this it will continue to do until, by compulsory legal process, this class of wealth can be reached.

It is suggested that a law requiring annual statements, to be made under oath, by each citizen, of his personal property, to this Department, would add materially to the taxable basis.

Such a law would be reasonable and equitable, and would not be open to the criticism of being either vexatious or inquisitorial.

Your honorable body will observe that the abatements made for over-assessments on real estate for the year 1884 amount to $866,360.

These were made under the mandatory provisions of the act of assembly of 1878, which directs this court "to assess property at its *true* and *present* value."

The assessors, Messrs. Orndorff and Morrow, in their report herewith annexed, give full information of the work they have done during the year. Their zeal, labor and impartiality are entitled to high commendation. In arriving at their conclusions they have considered all the elements that go to make up value, such as location, sales in the neighborhood of the property assessed, and rental values. In a large proportion of the cases reported by them the property owners have been satisfied with their conclusions. Where they have not been, and when they have desired it, this court has always heard their complaints, and endeavored to adjust the tax on grounds equitable to the city and the citizen.

Since our last report the provisions of the ordinance, commonly known as the "Plant Ordinance," approved February, 1881, have been extensively availed of.

The ordinance gives an abatement of all city taxes to all individuals, firms and corporations actually engaged in the business of manufacturing in the city, on their "mechanical tools or implements, machinery, manufacturing apparatus or engines employed and used in the business of manufacturing."

It will be observed that the terms of the ordinance are broad and unlimited. In construing it many, and sometimes intricate, questions have arisen. In the latter class, the Court, before announcing its final deci-

sion, has always taken counsel of one or both of the law officers of the city.

| | |
|---|---|
| The amount exempted on account of "plant" of individuals and firms for 1883 was... | $1,427,858 |
| For Corporations ..... | 1,462,574 |
| Total ..... | $2,890,432 |

In addition to what was exempted, claims for abatement for about two and a quarter millions were made to this Court, but were refused. These were made up for the most part, by the two gas companies of the city, who contended that their gas mains, as well as gasometers, were embraced under the words of the ordinance.

One company has instituted suit in the Circuit Court to test the propriety of this Court's ruling. Should the company prevail in its litigation, it would make an abatement (added to what has been made), of about five millions of dollars from the basis.

It is a matter for your Honorable Body, and not this Court, to consider whether the benefits derived, or likely to be derived, from the operation of the ordinance, are commensurate with the loss sustained by the withdrawal of so large an amount from the basis.

In conclusion, it gives us pleasure to bear testimony to the efficiency of all the officers of this court.

Respectfully submitted,

H. CLAY DALLAM,
O. P. PRICE,
J. LATIMER HOFFMAN,
*Judges of Appeal Tax Court.*

H. P. MOWINCKEL, *Chief Clerk.*
MICHAEL H. DOYLE, *Assistant Clerk.*

# ANNUAL REPORT

OF THE

# CITY SOLICITOR,

TO THE

## MAYOR AND CITY COUNCIL OF BALTIMORE,

*For the Year ending December 31st, 1883.*

# REPORT.

LAW DEPARTMENT, CITY HALL,
BALTIMORE, December 31, 1883.

*To The Honorable*
*The Mayor and the First and Second*
*Branches of the City Council.*

GENTLEMEN:

I respectfully beg to advise you of the following decisions of the Courts of this State which have been rendered since the last Annual Report of this Department was filed, and also to inform you, somewhat in detail, of the present condition of the pending cases involving claims against or in behalf of the City.

DECISIONS OF THE COURT OF APPEALS.

*Joshua Vansant, Comptroller vs. The Harlem Stage Company.*

By an ordinance approved April 28th, 1882, the provisions of the City Code with reference to Licenses were so amended as to require the owners of every omnibus drawn by two or more horses or mules used for hire within the city as a passenger omnibus to pay to the City Comptroller for the use of the city, the sum of $75 for the original license and $50 for the annual renewal thereof. The Harlem Stage Company, as the owner of 23 passenger omnibuses which had been licensed under the previous provisions of the Code, applied for renewals under the same regulations, claiming that the ordinance of 1882 was void, and, upon refusal by the City Comptroller,

it filed a petition for a mandamus to compel the renewal of its licenses, which was granted by the Court below and, on appeal by the City, the Court of Appeals sustained the action of the lower Court and declared that so much of the ordinance of 1882 as related to the passenger omnibuses was unlawful and void. The Court rested this ruling upon its construction of the Act of 1880, ch. 69, which confers authority upon the City to license and regulate vehicles owned and used within the city, holding that the power thereby conferred was a police power which must be reasonably exercised and did not authorize a tax for the purpose of raising revenue.

I respectfully suggest that inasmuch as the Ordinance of 1882 repealed the provisions of the Code and therefore is itself the only existing regulation upon this subject, and inasmuch as "so much of that ordinance as relates to the passenger omnibuses is unlawful and void," there would seem to be now no ordinance in force requiring the owners of these vehicles to pay any license.

*John Henderson and others vs. Henry S. Taylor, City Collector.*

By Section 17 of Article 47 of the City Code, it is provided that where benefits are assessed upon property for the opening of a street, "any person not claiming title to any lot or piece of property upon which any sums shall be assessed, as aforesaid, may pay the amount of the sum so assessed, *within the time limited*, to the Register of the City, and obtain his certificate of having paid such sum without claiming title to the property; and such payment shall vest in the person or persons paying, his, her or their heirs, the lieu on such lot or property mentioned in Section 16 of this Ordinance." In this case the Court of Appeals, affirming the lower Court, held that in order to acquire by such payments the City's lien on the property assessed, they must be made within the six months

given to parties to pay the assessments under the notice of the City Collector.

*B. F. Gould, Trustee, vs. The Mayor and City Council of Baltimore.*

By the Act of 1861, ch. 94, it is provided that "all taxes which may be levied in the City of Baltimore, shall be collected within four years from the levying of the same; and the collection of taxes shall not be enforced by law after the lapse of said four years," and the principal question involved in this case was as to whether a *paving assessment* was a *tax* within the meaning of this Act, and therefore not enforceable after the lapse of four years The Court held that although the making of such assessments was undoubtedly an exercise of the *taxing power*, yet that local assessments for special benefits differed materially from a general tax levied for State and City purposes, and that the provisions of the Act did not embrace this kind of tax.

The Act of 1874, ch. 218, which now constitutes the sole source of the City's power to regulate paving and repaving, authorized the City to provide by ordinance for collecting *assessments* for paving or repaving "as other city taxes are collected," but the Court of Appeals held that this language of the Act did not bring these assessments within the Act of 1861, as it merely conferred an authority upon the City which had never been exercised *to the extent* of passing an ordinance "providing that the collection of such assessments shall be made within a certain prescribed time."

I respectfully call attention to the occasion for great caution therefore in amending the general provisions of the City Code in this connection, as a very slight amendment *might*, in view of this intimation of the Court of Appeals, withdraw

these claims from the benefit of the recent decisions which protect them from the bar of limitations.

*Malcolm Sinclair vs. The Mayor and City Council of Baltimore.*

In this case a suit for damages was instituted against the City for severe personal injuries caused by the plaintiff's being thrown from his carriage by collision with a pile of bricks and mortar lying in the bed of Fayette street, in front of two houses (in course of construction on said street), which he could not have avoided, it being late at night and there being no *lighted lamp or lantern displayed* as required by the ordinance.

In Section 14 of Article 7 of the City Code of 1879, the City has regulated the deposit of building materials in the streets, allowing not more than one-third of the street, clear of the foot-ways, in front of any lot on which a building is being erected or repaired, for the deposit of such material, and, by Section 2 of Article 47 of the Code, it is provided that "whenever any piles of brick, stones, lumber or other building material, shall be left in any of the streets, lanes or alleys of the City, they shall, during the night, be designated by displaying a lighted lamp or lantern at such part of the same as to be easily observed by persons passing along the street," and in this latter ordinance a fine is imposed upon those who violate its provisions. The Court of Appeals, sustaining the lower Court, held that the powers of the City Government in this connection were purely legislative and hence it could not be held liable for such injuries unless it should appear that its ordinances regulating the manner and extent of these deposits of building material in the streets were not a reasonable exercise of the authority delegated to it for the regulation of the subject matter; and hence the City was declared not to be liable, the Court not being prepared to say that if the terms of the ordi-

nance were faithfully observed, the signal required to be displayed would not be reasonable and sufficient.

*John V. P. O'Neill vs. The Fire Commissioners of the City of Baltimore.*

This case arose out of the removal of O'Neill from the position of foreman of one of the Fire Engine Companies, which occurred October 21st, 1881, when he received notice of dismissal "from the service of this department for disrespect to your superior officer." On the 21st of April, 1882, he applied for a writ of mandamus to restore him to his place and pay, which was refused by the Court below, and on appeal, its action was sustained, in this case, by the Court of Appeals The Court recognized the general common-law rule that before an officer can be removed he must be accused, notified and tried, with opportunity of defence, but held that when the power of removal rests, by statute, in the discretion of any person or body of persons, or depends upon the exercise of personal judgment as to whether the cause for removal be sufficiently good, mandamus is not the appropriate remedy, and hence this form of relief was denied. But in the course of their opinion, the Court of Appeals, though refusing to interpose by mandamus, say "If he has been illegally discharged from the service of the Fire Commissioners and has not been paid his salary, his remedy is at law. If the Fire Commissioners have wilfully, maliciously or dishonestly exercised their power to remove him, they are answerable for their corrupt action." This case does not therefore determine the important question as to the extent of the powers of the Fire Board to remove officers or employes of that department without opportunity of defence. Suit has been since instituted by O'Neill for salary upon the ground that he was not legally removed from office.

*The Mayor and City Council of Baltimore vs. The Grand Lodge of Ancient Free and Accepted Masons of Maryland.*

In this case a Bill was filed for an Injunction to restrain the collection of taxes levied upon the property known as "The Masonic Temple" in the City of Baltimore, part of which is used for the corporate purposes of the Grand Lodge of Masons and part of which is used as stores occupied by tenants and thus yields a revenue to the Corporation. The case was taken to the Court of Appeals upon appeal from a pro-forma order of the Court below against the City, for the purpose of having determined the question as to whether the said building was totally exempt from taxation or only exempt so far as necessary for the corporate uses of the Grand Lodge. The Court of Appeals reversed the order of the Court below, and dismissed the Bill, holding that the property was subject to taxation excepting so far as necessary for the uses of said Corporation as a Benevolent and Charitable Institution.

## DECISIONS IN THE SEVERAL COURTS OF THE SUPREME BENCH OF BALTIMORE CITY.

### CIRCUIT COURT.

In the case of *The Gambrill Manufacturing Company vs. The Mayor and City Council*, a Bill was filed to restrain the collection of taxes levied upon the Manufacturing Plant for which an abatement had been claimed under the Ordinance of 1881. This proceeding was resisted on behalf of the City for the purpose of having judicially determined the constitutionality of the law authorizing these abatements or exemptions by the City, about which grave doubts had arisen; the Court (Judge Duffy), declared the law to be constitutional,

sustained the Bill and made the Injunction perpetual. No appeal was taken.

In the cases of *Moale vs. the Mayor and City Council* and *Hanson vs. the same* important opinions were delivered by this Court, but as the cases were taken to the Court of Appeals, have been there argued and are now waiting decision, they will be more properly hereinafter reported as matters pending in that Court.

In the case of *Reverdy Johnson and others vs. the Mayor and City Council*, a Bill was filed to restrain the collection of assessments for paving Covington Street. This case involves a question somewhat similar to that determined in the Hanson case, with reference to Liberty street. Ordinance No. 133 of 1875 provided for the paving of Covington street between Montgomery and Cross streets; this contained the preamble which was declared fatal in the Burns case and which is herein referred to in the Hanson case. Nothing was ever done under this ordinance, but subsequently under ordinances No. 42 of 1878, and No. 77 of 1880, different portions of Covington street were paved which, *together*, covered the same ground as that directed to be paved by the original unrepealed ordinance which contained the fatal preamble. The Court held that all three of these Ordinances, being *in pari materia*, must be considered together, and the first having declared by its preamble that the paving was to be done for "Public Convenience," the special assessments were void. An appeal was taken to the Court of Appeals.

The case of *Jacob Hook and others vs. The Mayor and City Council* involved the question as to the validity of the assessments for paving Caroline street, between John street and Boundary avenue. The Court held that the assessments were illegal and void upon several grounds—1st. Because a small

portion of the damages awarded, under the proceedings for opening the street, to the owner of a strip of ground taken for that purpose, had never been paid or tendered, and hence the City, having never acquired title to this part of the bed of the street, could not legally levy assessments for paving it, and as the cost of paving this portion was inseparably mingled with the other expenses and thus formed part of all the assessments, they were all null and void. 2d. Because no grade line had ever been legally established for said street prior to the time when the paving was done, it being held by the Court, that grade lines can only be established upon the application of some owner of property binding on the street, and upon a strict compliance with the provisions of the City Code as to notice. 3d. Because after the paving contract had been awarded and the work partially performed, the supposed grade was altered and a large amount of additional grading rendered necessary for which there was no advertisement for proposals, the additional work being done by the original contractor at a rate greatly in advance of the price allowed for similar work included in the contract; the Court held this to be ultra virus and void.

An appeal has been taken from these rulings to the Court of Appeals, but while this case is awaiting final decision by that Court, I respectfully suggest that no action should be taken under any ordinance directing the paving of streets, without the most careful investigation of the proceedings for opening such streets and the establishment of grade lines with the most rigid adherence to the letter of the law with reference to notice.

The case of *Samuel H. Tagart, Esq. vs. Frank Barnum, and others* involved the validity of a devise by the late Zenus Barnum to the Mayor and City Council of Baltimore, in trust

for the McDonogh Institute. The heirs of the testator contended that the devise was void by reason of its indefiniteness, that the provisions of the will as to the nature and object of the trust and as to who were the real beneficiaries thereunder, were vague, uncertain and incapable of enforcement, and that therefore the property passed to the next of kin as in case of intestacy. The Court held that this gift was a devise to charitable uses, and that, although the doctrine of charitable uses, as recognized by the English Courts and applied under the Statute of Elizabeth, had been expressly repudiated in Maryland, yet the Act of 1842 ch. 86 had withdrawn the Mayor and City Council of Baltimore from the operation of those Maryland decisions by expressly authorizing it to receive, hold, control and administer funds for the indigent and poor, for general Educational purposes or for any charitable use.

The heirs have taken an appeal to the Court of Appeals.

COURT OF COMMON PLEAS.

Six suits were instituted in this Court against the City for damages for the alleged, illegal arrest and commitment of the plaintiffs to jail for refusing to be vaccinated and the alleged vaccination of them by force while there imprisoned, and other improper treatment by the officers of that Institution.

These claims were all successfully resisted by the City, and the Court held that the powers of the Municipal Government for the proper protection of the public health were almost unlimited, and that if it became necessary *for that purpose* to require vaccination, it was within scope of the City's powers to even direct that persons should be compelled by force to submit to this preventive of contagion. It is proper to add that the proof abundantly exonerated the officers of the jail from the charge of improper treatment to prisoners.

The case of the *Mayor and City Council vs. Chas. J. Bonaparte, Executor*, involved claims for taxes for the years 1877, 1878 and 1879 upon a large amount of personal property owned by the late Madame Bonaparte. The suit was resisted upon the ground that the claims were never properly exhibited to or passed by the Orphans' Court, and when presented to the executor in 1879 were disputed and rejected by him, and suit not having been brought thereon within nine months after such rejection, they were forever barred under the provisions of the testamentary laws of this State. It was further contended that the taxes for the year 1879 were improperly and illegally levied by reason of the fact that the executor, into whose hands the said personal property had passed prior to the levy of that year, was a resident of Baltimore County, and that personal property held by him could only be taxed in the place where he resided. An exemption was also claimed for $58,000 in bonds of the City of Philadelphia, upon the ground that, under the Maryland Statute, State Bonds were exempt from taxation whenever exempt by the laws of the State authorizing their issue, and it was contended that these provisions extended to Municipal Bonds issued for public purposes.

The Court held that taxes were claims of a very high order, being essential to the very existence of the City and State, entitled to precedence even over judgments and decrees, capable of being forced by summary proceedings without resorting to suit, and liens upon the real estate of the person assessed; that such claims could not be considered as contemplated by the provisions of law which require proof of claims before the Orphans' Court, nor were they subject to the special bar provided by law as to claims rejected by an administrator and not sued upon within nine months thereafter. The Court also held that personal property in the hands of an executor or administra-

tor is properly assessable for taxes in the place where the deceased resided, and not in the place of the executor's residence. The exemption claimed for the Philadelphia Bonds was not allowed, the Court holding that all laws granting exemptions should be strictly construed and as the provisions of the Maryland Statute did not expressly include City Bonds, its terms should not be extended by the Courts.

BALTIMORE CITY COURT.

The case of *Dorney & Bro. vs. the Mayor and City Council*, involved a claim for damages caused by the alleged carelessness of employes of the Fire Department in recklessly driving against the wagon of the plaintiffs. This case involved a very small sum, but was resisted by the City in order to have determined the question as to its liability for the negligence of firemen. The Court held that members of the Fire Department when acting in the discharge of their duties were not servants or agents for whose conduct the City could be held liable, but they act rather as officers of the City charged with the performance of a certain public duty, and that no action would lie against the City for their negligence or improper conduct while acting in the discharge of their official duty.

In the appeal from the action of the Commissioners for Opening Streets, in opening Gold street, the Court held that where a street, alley or other public way is closed or abandoned, the title to the bed of the highway passes to the owners of the abutting ground and not to those who owned the ground when taken for the purposes of a highway or their heirs or other successors in title.

The case of *John W. Simpson vs. The Mayor and City Council of Baltimore*, was a suit instituted to recover two

appearance fees of ten dollars each taxed as costs, by the Clerk of the Criminal Court, in two cases in that Court in both of which the plaintiff in this suit appeared as counsel for the prisoners and succeeded in having the cases "stetted"; in each of these criminal cases the charge against the prisoner was "assault with intent to kill," the penalty for which, on conviction, is confinement in the Penitentiary. The Court held that wherever a prisoner is acquitted of any crime or misdemeanor, or where upon conviction a nominal fine not exceeding fifteen cents is imposed, the legal costs of the accused, including the appearance fee of counsel, are to be paid by the City, whether the counsel was employed by the prisoner or appointed by the Court; but that this liability of the City did not extend to cases in which there has been a conviction or in which the guilt or innocence of the prisoner remains undetermined, and hence as the claims in this case were for fees in cases which had been stetted, they were not sustained but judgment was given for the City.

The case of *Edward I. Clark vs. The Mayor and City Council of Baltimore*, involved the questions, as to the liability of the City for costs in cases in the Criminal Court where the prisoner has been tried before the Court without a Jury upon a charge of *felony* resulting in his acquittal, or when the trial is before either Court or Jury upon a charge of *misdemeanor* resulting in acquittal. The Court held the City liable in the former instance, but that the latter, viz., acquittal upon a chargo of misdemeanor, was controlled by the provisions of the Code of Local Laws applicable to Baltimore City, by which it is declared that the expense attending such prosecutions shall be paid by the person at whose instance such prosecution was commenced, unless the Court shall in such case certify

that there was probable cause for the prosecution when the costs shall be thrown upon the City.

The case of *J. Q. A. Jones vs. The Mayor and City Council*, which followed these two decisions fixing the City's liability for costs in certain criminal cases, was an application to the Superior Court for a mandamus to require the payment of such costs in cases where the period of three years had elapsed since they were taxed and which the City therefore claimed to be barred by the statute of limitations. The Court refused the writ and held that the claims were barred as maintained by the City.

CRIMINAL COURT.

An Ordinance was passed in October, 1882, providing that "from and after May 1st, 1883, it shall not be lawful to work, operate, or continue in use, for the purpose of burning oyster shells or stone lime, any kiln situated or erected within the limits of the City of Baltimore, under a penalty of twenty dollars for each and every day such kiln may be so worked, operated or continued in use for the purpose aforesaid."

George P. Mott was indicted for a violation of the provisions of this ordinance, and, upon a demurrer to the indictment, the Court (Judge Fisher) declared the ordinance void as unreasonable, arbitrary and not warranted by the grant of power to the City. In the course of the opinion the Court says: "The ordinance draws no distinctions with respect to the various kilns, but prohibits the use of all of them without reference to location or the mode in which the business is conducted. In my opinion there is no authority for the proposition that the business of lime-burning is a nuisance *per se*, or *prima facia* a nuisance, even within the limits of a City. The location of the kiln with reference to other

erections, or the manner in which the lime burning is carried on, may render it a nuisance either public or private, but the proprietor is entitled to a judicial determination whether it is in fact a nuisance. The authority to prevent and remove nuisances, authorize the Municipal Councils to act against that which comes within the legal notion of a nuisance, but it cannot authorize the extra judicial condemnation and destruction of that as a nuisance which in its nature, situation or use is not such."

## OTHER CASES TRIED OR SETTLED DURING THE YEAR.

### CIRCUIT COURT.

The cases of Hall *vs.* the Mayor and City Council, Hughes *vs.* the same and Condon *vs.* the same, all explained in the last report from this Department, have been disposed of. In Hall's case the bill was dismissed by the complainants upon the repeal by the City of the ordinance for the opening of John street. Hughes' case, involving a claim to $1,600, certificate of City Stock with several years' interest, was settled by a decree in favor of the complainant for $200. In Condon's case, a decree was passed by consent under which the amount legally due by the complainant for the paving of Vincent alley was paid into the Court and subsequently transferred to the City less the Clerk's costs.

At the request of the present City Collector a thorough investigation was made of the Tax Sales upon the dockets of this Court which have been heretofore reported, in which the Mayor and City Council were purchasers; it was ascertained that there were 31 such sales in which nothing has been done since the report, some of which sales were made as long ago

as 1877. In all of these cases orders have been recently obtained referring them to the Auditor and Master in order that they may be either ratified or set aside. About a dozen other such cases were awaiting action upon an unfavorable report by the Master; exceptions were filed to the Master's Report which the Court overruled, and these sales were set aside, the Court holding that the statement of taxes due and notice that they will be enforced by sale or distraint, required by the Statute, cannot be served upon an agent of the owner but must be either personally served upon the owner, left at his place of abode, or set up on the property in strict conformity to the letter of the law which is to be strictly construed.

During the year the Park Commissioners determined to extend the limits of Patterson Park pursuant to the Ordinance and Act of Assembly passed for that purpose in 1882, and it accordingly devolved upon this Department to conduct the trial of 38 condemnation cases before special juries summoned under the statute authorizing the condemnation proceedings. In about one-half of these cases exceptions were filed in this Court to the ratification of the inquisitions, which were returnable here; all of these exceptions were successfully resisted by the City excepting two, in one of which a modification was made by consent, and in the other an increase of $1,500 in the award allowed by the Court. It seems proper to include these cases in this report, though they may be referred to in the report of the Park Board, as this work has, during the year, occupied the almost exclusive attention of this department for three months, and hence may account for the number of cases remaining undisposed of which might otherwise have received attention.

SUPERIOR COURT.

In the suits against the People's Passenger Railway Company and the Monumental City Passenger Railway Company for arrearages of Park Tax, judgments have been recovered in favor of the City for the amount of $2,379 72, and $1,472.-32 respectively; but as the property of both of these companies has been sold by decree of Court at the instance of the bond holders, even these judgments are of doubtful value. Perhaps it may not be improper for me to suggest that if the Park Tax is to be continued, its prompt payment should be guaranteed by a good and sufficient bond from the railroad companies.

An action of trespass was instituted by the City, against John T. Coleman for constructing a portion of his building upon the retaining wall of Jones' Falls; the building was removed and suit settled.

COURT OF COMMON PLEAS.

The case of Gregg vs. the Mayor and City Council, involving a large claim for damages to property on Centre street, caused by a change of grade, was tried before Judge Brown without a jury, and resulted in a verdict and judgment by the Court in favor of the plaintiff in the sum of $1,000. The history of the case and the precise nature of the claim are fully set forth in the last report from this department.

The case of Parker vs. the Mayor and City Council, involving a claim for damages for injuries caused by a public alley being out of repair, was settled by the Council Committee on Claims and suits withdrawn.

The suit of Carver vs. the Mayor and City Council, for damages from overflow of a well or sink in property of one of the Fire Engine Houses, was withdrawn upon payment of $100 by the City, which was paid by the Inspector of Build-

ings, with the approval of the Mayor, out of appropriation for repairs of public buildings.

The suit of John Cox for contract price of publishing Property Book for the City was settled by resolution of the Council and case withdrawn.

## BALTIMORE CITY COURT.

The suits of *Schorr vs. the Mayor and City Council*, and *Swindell vs. the same*, for damages to real estate alleged to have been caused by the negligence of contractors in grading Covington street, having been referred by joint resolution to the Mayor, Comptroller, and Inspector of Buildings, were settled and dismissed upon the payment by the City of the sum of $4,000 in each case, the amounts awarded by those officers.

The case of *McBee vs. the Mayor and City Council*, involved a claim for salary as teacher in one of the Public Schools, and the case of *Ward vs. the same*, involved a claim for damages alleged to have been caused by the defective condition of a city sewer; both cases were successfully resisted by the City.

The appeals from the action of the Commissioners for Opening Streets in the awards for land required for the retaining walls of Jones' Falls, were withdrawn on account of defects in the ordinance authorizing the condemnation; it failed to provide for a right of appeal by property owners.

The appeal from the opening of Holbrook street involved a claim for $200 damages, and resulted in a small increase from an award of $20 to a verdict of $50.

## CASES PENDING IN THE COURTS.

### COURT OF APPEALS.

There are now pending in this Court six cases, in which the interests of the City are involved, and appeals have been recently taken in three other cases, which will stand for trial at the next term.

The case of *Charles N. Moale and others vs. the Mayor and City Council* is an appeal from the Circuit Court of Baltimore City, where a bill was filed for an injunction to restrain the collection of assessments for paving Hanover street; in the Court below a demurrer was filed by the City which was sustained and the bill dismissed, whereupon the complainants appealed. The case has been already argued, and as it does not appear to involve any questions not already considered and passed upon in the cases which arose out of the repaving of Baltimore street and Pratt street, a favorable decision is anticipated with some confidence.

The case of the *Mayor and City Council vs. Hanson*, is also an appeal from the Circuit Court of Baltimore City, and was taken from an order of that Court overruling a demurrer filed on behalf of the City to a bill for injunction to restrain the collection of assessments for repaving Liberty street. The ordinance under which this repaving was done, was free from defects, though passed in 1874 at a time when nearly all similar ordinances contained the preamble (reciting that public conveniences required that the paving or repaving provided for should be done), which was held in the Light street case, (Burns vs. Mayor and City Council), to be fatal to all assessments levied under such ordinances. In 1875, however, a resolution was passed by the Mayor and City Council, reciting that work had been suspended under the Liberty street ordi-

nance by reason of certain pending litigation, but that inasmuch as *public convenience* required that this street should be put in condition for business and purposes of drainage, the City Commissioner should proceed with the work directed by the ordinance. The only question involved in this case is as to the effect of this subsequent resolution; the case has been argued, but the result is regarded as extremely doubtful.

The case of *John G. Vogt & Co. vs. the Mayor and City Council*, is an appeal from the Baltimore City Court; it is one of twenty suits brought to recover damages for the alleged unlawful revocation by the City Comptroller of licenses to clean sinks. The City, as a defence to these suits, pleaded the provisions of the City Code, making it the duty of the Comptroller to revoke such licenses upon the written complaint and request of the Health Commissioner, to which the plaintiffs demurred; the Court below overruled this demurrer, and sustained the City's defence, from which action the plaintiffs appealed. The case has not yet been argued, but is upon the trial docket of the present term.

The case of the *Mayor and City Council vs. the County Commissioners of Howard County*, is an appeal from a *pro-forma* judgment of the Court of Common Pleas, and involves the question of the City's liability for the expense incurred by the Sheriff of Howard County in employing an extra watchman to guard George Bell, while a prisoner in the jail of that county waiting trial, his case having been removed to that county from the Criminal Court of Baltimore City.

The case of *John Ireton vs. the Mayor and City Council*, is an appeal from the Circuit Court for Baltimore County. The suit was instituted in that county, and the defendant

returned "summoned;" a motion was made on behalf of the City to quash the writ of summons for the reason that the municipal corporation could not be summoned in the county, and hence could not be properly sued anywhere excepting in the limits of the city where it necessarily resided, and from which it manifestly could not remove even temporarily. The Court below sustained the motion, quashed the writ and entered judgment of non-suit, from which the plaintiff appealed.

The case of *Long vs. the Mayor and City Council and others*, is an appeal from the Circuit Court of Baltimore City, and involves the title to a large amount of real estate in the northwestern section of the city, including some of the public streets; this case has been argued, and the result is in my judgment extremely doubtful. If the complainants should be successful, it may necessitate further condemnation proceedings for all the streets covered by the claim.

The case of the *Mayor and City Council vs. Hook, Sam'l H. Tagart vs. Frank Barnum and others* and the *Mayor and City Council vs. Reverdy Jonnson and others*, are all appeals from recent decisions of the Circuit Court of Baltimore City, and have been heretofore explained in the reports of those decisions.

CIRCUIT COURT.

There remain upon the docket of this Court about 20 cases which were instituted several years ago, but which have never been either dismissed or prosecuted to decree; some of these proceedings were begun as early as 1874, and I assume that if they have been involved important interests of the City they would have received earlier attention, but, owing to the very great pressure of new cases involving important questions and

on account of the long period occupied by the trial of the Patterson Park condemnation cases in this court, I have had no opportunity to investigate the condition of these old cases, and hence can only report them as pending matters which may require attention at an early day from this department.

In addition to these matters there are now pending in this Court 11 cases, all of which, excepting 2, have been instituted during the year.

The case of the *Boyd estate and others*, brought to restrain the collection of the assessments for paving Boundary avenue, has not yet been concluded; the proof not having been completed, this case is not yet in condition for trial or decree.

The case of *Caroline Rogers* was brought to restrain the collection of the assessments for paving east Oliver street.

In both of these cases the alleged defect consists of the failure to obtain the signatures of the owners of a majority of the front feet of ground abutting upon the street proposed to be paved; this work was done in each case upon the application of owners, and not under a special ordinance. I venture to suggest that there should be some more certain protection of the public interests in such cases; either a certificate of the title of those signing such applications should be required, or a waiver of all defences growing out of technical defects in the proceedings.

The cases of *the Maryland Bible Society* involves substantially the same questions as were raised in the Masonic Temple case, and will probably be disposed of without trial or further proceedings.

The two cases instituted by *Frank Frick and others* were brought to restrain the payment by the City of the sum of

ten thousand dollars awarded as damages to the Benevolent Society of the City and County of Baltimore for the opening of Roberts street from Madison avenue to Eutaw street, and to restrain the collection of benefits assessed for that purpose; the complainants contend that the property for which damages were awarded had been already dedicated to public use as a highway, and actually used by the public for that purpose.

The bill filed by *Durus Carter* seeks to enjoin all proceedings for the enforcement of taxes upon an increased assessment of property, corner Light and German streets; it is alleged that the additional assessment was made without notice to the property owner. An answer has been filed denying this want of notice.

The bill filed by *the Consolidated Gas Company* seeks to restrain *the collection of taxes* for which it claims to be entitled to an abatement as taxes upon manufacturing plant; this claim extends not only to its machinery proper, its retorts, &c., but covers the gasometers and its entire line of gas mains laid under the surface of the streets. In my own judgment the gasometer is an indispensable part of the apparatus required for the manufacture of gas for practical use, and should therefore be treated as part of their plant, but I have filed an answer in this case denying their whole claim to other abatements sought. It is also the purpose of these proceedings to have the gas mains assessed as personal property, and not as real estate, as now assessed; this is also contested by the answer filed on behalf of the City.

The bill filed by *Lewis Raymo and others* sought to restrain the collection of the assessments for repaving north Gay street, it being contended that the work was not done with

Camp's Patent Process, as required and directed by the ordinance. A demurrer was filed on behalf of the City, maintaining that it was too late to call in question the manner in which the work was done, it having been completed under the supervision of the proper City officer, and paid for; this demurrer was overruled and an answer has been filed alleging that the work was done in strict conformity to the ordinance.

A bill has been filed by *Samuel Ellinger and others* for the purpose of enjoining the further use by the City of Harris' Creek as a continuation of Harford Run Sewer.

The case of *Geo. R. Vickers, Jr.*, is a proceeding instituted for the purpose of restraining by injunction the collection of the assessments for paving McKim street.

The bill filed by the Canton Company of Baltimore is for the purpose of determining whether their pier or wharf property, (on which was constructed the elevator lately destroyed by fire,) can be properly assessed and taxed as real estate. A preliminary injunction was granted restraining the sale of the property for taxes, and a demurrer has since been filed on behalf of the City.

There is still a remnant of the old case known as the Ketchum case, involving the question of the City's liability for $7,000, of Baltimore City Stock, held by the Metropolitan Savings Bank, it being a transferor re issue of a portion of the stocks owned by young Ketchum and transferred upon a forged endorsement of his name.

## SUPERIOR COURT.

There are seven cases pending in this Court, all of which, excepting two, were instituted during the year.

The two suits of *Hugh Sission, Receiver*, and *Wm. Coakley vs. the Mayor and City Council*, were referred to and explained in the last report from this department.

*Patrick Reddington* sues for damages for injury to his mule, alleged to have been caused by one of the openings in the City water pipes being left uncovered and unprotected in the bed of the street.

*Herman Meyer* sues for damages for injury to his property on east Baltimore street, alleged to have been caused by the negligent manner in which the street was paved, whereby a dam was formed and water forced into his premises, which would not otherwise flow in that direction.

In the case of *August J. Knoop*, no narr has been filed, and hence no cause of action shown.

The case of *Kerns vs. the Mayor and City Council* was brought to recover payment for the work of printing the lists of registered voters in hand-bill form, alleged to have been authorized and directed by the Registers in the year 1881; the amount involved in this case is large and the questions important. The claim was presented to the Council for settlement, but under my advice was referred to the Courts for trial. It will be disposed of early in the present term.

The case of *Richard Janney White vs. the Mayor and City Council* is an action of ejectment, instituted for the purpose of establishing the lines of certain property on Randall street, which it is claimed, extend to and embrace a small portion of the yard of one of the Fire Engine Houses, on which is now erected a small wooden shed.

## COURT OF COMMON PLEAS.

There remain upon the Stet Docket of this Court fifteen cases in which the City is a party; they are old cases which will doubtless be disposed of by judgments of non pros. at the present term upon the call of that docket, which was commenced at the last term of Court, but not completed.

The cases of *Levi Z. Condon and John Koenig*, involving claims for damages for alleged illegal arrests for violations of City Ordinances remain also upon the Stet Docket, but will be transferred to the Trial Docket, and either tried or dismissed during this term.

The case of the *Mayor and City Council of Baltimore vs. C. G. Chase, Executrix*, is the only other case on the Stet Docket of any importance. It involves a claim for taxes against the estate of Thorndike Chase, but as the defences are substantially the same as those raised in the Bonaparte Tax Case, it will probably be allowed to abide the result of the final decision in that case on appeal.

There are also pending in this Court five suits against the City, which have been instituted during the year.

*Wm. L. Garritee* sues for an alleged injury to his property resulting from dumping mud and other material in the river in front of his land, so as to destroy the value of his water front; this seems to be substantially the same claim as that upon which a judgment of $10,000 was obtained against the City in 1880, and the City has accordingly raised the defence of "former recovery."

*John V. P. O'Neill* sues for salary as foreman of one o the Fire Engine Companies, from which he claims to have been improperly and illegally removed. At the instance of the

plaintiff the case has been very recently removed to the Superior Court.

*Catharine Tully* sues for damages for the death of her husband caused, as alleged, by an insufficient protection to persons passing up and down the stairway of the City Hall, whereby he fell to the floor and was killed.

In the remaining two cases *Simon J. Martenet* and *Maria Brady*, no declaration has been filed and hence no cause of action shown.

In this Court there are also pending 20 suits instituted during the year by the City against various Building Associations and other corporations for unpaid taxes. It is proper to explain that the claims on which these suits rest, are in many instances of doubtful validity, as the provisions of the State Legislation on this subject have not been complied with, either by the City or the corporations; there is a severe penalty imposed by the law upon the officers of such corporations for failing to discharge this duty, but as the bulk of these claims are for taxes of 1879, since which time many of the officers have been changed and even some of the corporations dissolved, it is manifestly difficult to apply this remedy. I incline to the opinion that, notwithstanding these difficulties, many of these claims can be successfully prosecuted to judgment, but in view of the uncertain value of such judgments when obtained, and in view of the exemption by the Act of 1880 of all capital of Building Associations invested in mortgages, I respectfully suggest that the Tax Collector should be authorized by ordinance to compromise, adjust and settle these suits upon such terms and conditions as shall seem to

him for the interest and advantage of the City, subject to the approval of the Mayor and City Counsellor.

## BALTIMORE CITY COURT.

There are 11 cases pending in this Court, most of which have been instituted during the year. The cases of Kenny vs. Mayor and City Council, Madden vs. same, Creamer vs. same, and Harlem Stage Company vs. same, were referred to and fully explained in the last report from this department; the other pending suits have been brought since that report.

*Jonathan Isaacs* sues for damages for injuries received from a fall caused by a flag stone across Sewell street being displaced and the street out of repair.

*Frederick C. Zeller* sues for damages for injuries to his business, resulting from putting upon his property a yellow flag marked "small pox," thereby publishing the property as an infected place, when, it is alleged, there was no truth in this publication.

*William Rau* sues for damages for an alleged illegal seizure of his property in distraint for taxes due by some other person.

*Andrew J. Foard* sues for compensation for services rendered as one of the extra Vaccine Physicians employed or appointed in the Fall of 1882.

*Jacob Stauch* sues for the value of services rendered, as alleged, while confined in the Baltimore City Jail under a commitment waiting trial.

In the other two cases of *John Schwiber* and *John G. Schumpf* no narr has been filed, and hence no cause of action disclosed.

Besides the cases above referred to there are pending in this Court several appeals from the action of the Commissioners for Opening Streets.

In the opening of *Patterson Park avenue* only nominal damages were awarded the Glenn estate for that portion of the street lying in front of Collington Square, the Examiner of Titles have declared it to have been dedicated by the deed to the city of that square and by other conveyances. Glenn appeals from this award. In the opening of *Biddle street* from Greenmount avenue to Barclay street, which is east of Jones' Falls, benefits were assessed upon property west of the falls as far as Cathedral street; the Baltimore & Ohio Railroad Company being the owner of certain property on Biddle street, between North and Calvert streets, on which benefits were assessed, has appealed from this assessment.

In the opening of *Edmondson avenue* only nominal damages were awarded to Mr. Francis White and to Mr. Charles Shipley for a portion of the street claimed to have been dedicated, and from this award they have appealed.

In the opening of *Federal street* it became necessary to make a slip of ground from the Scheutzen Park, involving the removal of a wall; from the damages awarded an appeal has been taken.

## COUNTY COURTS.

I am not aware of there being any cases affecting the interests of the city pending in any of the County Courts in the State, excepting the case in the Baltimore County Court known as "the Pump House Case," being a proceeding in equity, instituted by the heirs of George Presstman for the

partition of certain property located within Druid Hill Park near to, and possibly including, the ground on which the pump house was erected. This case was fully considered in the last report from this department; during the year Commissioners have been appointed by the court to make partition of the property in question, and quite a considerable amount of testimony taken, but no report has yet been filed, nor, it is believed, even agreed upon by the Commissioners. The principal question involved in this controversy is one of surveying; there appears to be little or no doubt as to rights of the complainants in a portion of the Park property as joint owners or tenants-in-common with the city, but it is extremely difficult to determine as to the accuracy of the several surveys by which the precise location and limits of the joint property have been sought to be ascertained.

Very respectfuly,

I. PARKER VEAZEY,

*City Solicitor.*

# ANNUAL REPORT

OF THE

# Trustees of the Poor

OF THE

## CITY OF BALTIMORE

TO THE

## *Mayor and City Council of Baltimore,*

*FOR THE FISCAL YEAR ENDING DECEMBER 31st, 1883.*

# BOARD OF TRUSTEES,

## BAYVIEW ASYLUM.

---

CHARLES P. MONTAGUE, *President.*
WILTON H. HARTMAN,
A. SIGMUND,
ELIAS T. CRUSE,
T. MEREDITH JENKINS, *Secretary.*
CHARLES CARROLL, *Superintendent.*

# REPORT.

BALTIMORE, January 1, 1884.

*To the Honorable the Mayor*
*and City Council of Baltimore:*

GENTLEMEN:

We beg to submit this, our second annual report, from which you will find how much money we have received from the city, and how much has been expended.

We have again to urge upon you the necessity of completing at once the new building for the insane. The number of this class of patients with us has steadily increased, until now from two to three are compelled to occupy the same room in many cases. This condition of things renders proper care impossible, and, no doubt, militates seriously against the health of the unfortunates. If your honorable body will immediately appropriate a sufficient sum for the

completion of the new building, the city will save in the cost of maintenance of the insane just about one-half of the sum it now expends. Thus, in a few years, the advisability and economy of the appropriation would be fully demonstrated.

An appropriation should be made for repairs to the buildings, and under the wise supervision of the Inspector of Buildings. We do not think it will be an injudicious expenditure of money.

We have asked before for an adequate supply of water. For the want of it, proper sanitary arrangements cannot be assured; and in case of fire, the damage to property would be great, and the loss of life considerable.

We respectfully suggest that you enact a law prohibiting admission into Bayview of a worthless class of persons commonly called "tramps." These creatures come among us as soon as cold weather begins, in most cases spending their last penny in getting here, and effecting illness in many instances apply for admission into Bayview. For the most part, they are confirmed drunkards, a fact patent at the time of applying. This class of persons we have always been opposed to granting admits to, believing that the tax payers of our city do not object to providing for the poor and needy, but that they do, and ought to, rebel at having to support and care for worthless and dissolute vagabonds, especially from other cities.

We also suggest that the law in relation to insane persons should be altered, or amended, so as that no

one *said* to be insane shall be committed to Bayview, save upon the verdict of a jury *de lunatico inquirendo*. This suggestion is made in consequence of several unpleasant and very disagreeable circumstances having occurred during our term of office.

Very respectfully, your obedient servants,

C. P. MONTAGUE, *President*,
WILTON H. HARTMAN,
ELIAS T. CRUSE,
A. SIGMUND,
T. MEREDITH JENKINS, *Secretary*.

## FINANCIAL STATEMENT.

| | |
|---|---|
| By amount appropriated | $60,000 00 |
| To amount expended | 59,677 65 |
| Amount unexpended | $ 322 35 |
| Amount paid into city treasury from board of students, of inmates, of sale of live stock, medicines, offal, &c. (See exhibit of Financial Agent, marked No. 1) | $ 1,488 63 |

*Number of Inmates During the Year.*

| | | |
|---|---|---|
| Whole number | | 1,653 |
| Of foreign birth | 769 | |
| Of American birth | 884 | |
| Number at present in institution | | 797 |
| Number of births during the year | 39 | |
| Number of deaths during the year | 244 | |

## FINANCIAL EXHIBIT FOR 1883.

Showing the amount received by the Trustees during the year, terminating with 31st day of December, 1883, the sources from whence derived, and the purposes for which disbursements were made, and the amount expended.

| Dr. | | Cr. | |
|---|---|---|---|
| 1883. | | 1883. | |
| Dec. 31—To am't received from City Comptroller on account of annual appropriation ..... | $59,677 65 | Dec. 31—By amount paid for supplies, embracing food, fuel, clothing, bedding, and other necessaries. ..... | $37,542 63 |
| To am't received from sales of bones, grease and offal ..... | 57 80 | By amount expended on farm account, embracing provender for horses, mules, cows, repair of carriages and wagons, purchase and repairs of farm implements, shoeing animals, and such other expenditures as are properly chargeable to farm account. | 1,846 85 |
| To am't received from inmate boarders..... | 620 75 | | |
| To am't received from resident students.... | 779 50 | | |
| To am't received from sales of medicines... | 30 58 | | |

| | | | |
|---|---|---|---|
| | By amount paid for hospital stores..... | 1,834 | 57 |
| | By amount paid for expenses incurred in repairs about the buildings and fences..... | 673 | 34 |
| | By amount paid for salaries and hire account. | 16,624 | 26 |
| | By amount paid Trustees per diem..... | 1,156 | 00 |
| | By amount paid City Register, as required by ordinance of the City..... | 1,488 | 63 |
| $61,166 28 | | $61,166 | 28 |

# TABULAR STATEMENT

OF THE

# SUPERINTENDENT,

## MARKED A TO M,

*For the Year 1883.*

## TABLE A,

Showing the number of persons admitted, born, discharged, eloped, died and bound out; also, the number remaining at the expiration of each month, from January 1st, 1883, to December 31st, 1883.

| DATE. | Admitted. | Born. | Discharg'd. | Eloped. | Died. | Bound Out. | Remain'g. |
|---|---|---|---|---|---|---|---|
| January | 111 | .... | 51 | 16 | 13 | .... | 753 |
| February | 91 | 3 | 68 | 7 | 10 | .... | 762 |
| March | 123 | 5 | 104 | 17 | 23 | .... | 746 |
| April | 109 | 2 | 117 | 22 | 26 | .... | 692 |
| May | 109 | 2 | 131 | 20 | 16 | .... | 636 |
| June | 98 | 8 | 94 | 17 | 23 | .... | 608 |
| July | 118 | 4 | 93 | 9 | 26 | .... | 602 |
| August | 159 | 3 | 112 | 6 | 22 | .... | 624 |
| September | 143 | 1 | 98 | 6 | 14 | .... | 650 |
| October | 184 | 3 | 103 | 43 | 21 | .... | 670 |
| November | 180 | 4 | 82 | 28 | 28 | .... | 716 |
| December | 189 | 4 | 72 | 18 | 22 | .... | 797 |
| Total | 1614 | 39 | 1125 | 209 | 244 | .... | 8256 |

| | |
|---|---|
| On the books December 31st, 1882 | 722 |
| Total ingress | 1653 |
| | 2375 |
| Total egress | 1578 |
| In the house December 31st, 1883 | 797 |

## TABLE B.

Showing the birth-place of persons admitted to the Almshouse from January 1, 1883, to December 31, 1883.

| Natives. | | Foreigners. | |
|---|---|---|---|
| Almshouse | 43 | Germany | 365 |
| Baltimore | 332 | England | 48 |
| Maryland | 182 | Ireland | 258 |
| Virginia | 104 | Scotland | 20 |
| Pennsylvania | 72 | Switzerland | 13 |
| New York | 45 | Italy | 8 |
| Delaware | 10 | Bohemia | 4 |
| District of Columbia | 18 | Poland | 8 |
| Connecticut | 5 | West Indies | 5 |
| Massachusetts | 14 | Canada | 9 |
| Kentucky | 9 | Sweden | 6 |
| North Carolina | 12 | Austria | 3 |
| New Jersey | 7 | Spain | 2 |
| Georgia | 6 | Wales | 3 |
| South Carolina | 3 | Belgium | 3 |
| Ohio | 3 | France | 3 |
| Illinois | 1 | South America | 2 |
| Maine | 1 | Holland | 2 |
| Mississisppi | 1 | Denmark | 4 |
| Missouri | 2 | Turkey | 1 |
| Minnesota | 1 | Africa | 1 |
| Florida | 1 | Sicily | 1 |
| Rhode Island | 1 | | |
| Louisiana | 2 | Foreigners | 769 |
| West Virginia | 1 | Natives | 884 |
| Unknown | 8 | | |
| | 884 | Total | 1,653 |

## TABLE C,

Showing the ages of persons admitted to the Almshouse from January 1st, 1883, to December 31st, 1883.

| | |
|---|---|
| Under 1 year | 49 |
| From 1 to 5 years | 12 |
| " 5 to 10 years | 10 |
| " 10 to 15 years | 7 |
| " 15 to 20 years | 89 |
| " 20 to 30 years | 387 |
| " 30 to 40 years | 375 |
| " 40 to 50 years | 275 |
| " 50 to 60 years | 204 |
| " 60 to 70 years | 162 |
| " 70 to 80 years | 51 |
| " 80 to 90 years | 9 |
| " 90 to 100 years | 1 |
| Unknown | 22 |
| Total | 1653 |

## TABLE D,

Showing the period of residence in the city of all persons admitted into the Almshouse for the year 1883.

| | |
|---|---|
| Born in the Almshouse | 43 |
| Born in Baltimore | 332 |
| Less than one week | 102 |
| One week, and less than one month | 64 |
| One month, and less than three months | 91 |
| Three months, and less than six months | 100 |
| Sixth months, and less than one year | 57 |
| One year, and less than two years | 123 |
| Over two years | 719 |
| Period of residence unknown | 22 |
| Total | 1653 |

## TABLE E,

Showing the habits of persons admitted into the Almshouse for the year 1883.

| | |
|---|---|
| Intemperate adults | 1047 |
| Temperate adults | 521 |
| Adults whose habits are unknown | 22 |
| Children of intemperate adults | 13 |
| Children of temperate adults | 50 |
| Total | 1653 |

## TABLE F.

Showing the Monthly Average of Persons in the Almshouse for the Year 1883.

| Date. | WHITE. | | | COLORED. | | | | WHERE FROM. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Men. | Women. | Children. | Men. | Women. | Children. | Total. | City. | Elsewhere | Total. |
| January | 340 | 263 | 13 | 55 | 74 | 8 | 753 | 458 | 295 | 753 |
| February | 339 | 267 | 14 | 59 | 74 | 9 | 762 | 477 | 285 | 762 |
| March | 310 | 268 | 15 | 62 | 78 | 13 | 746 | 483 | 263 | 746 |
| April | 268 | 266 | 14 | 55 | 79 | 10 | 692 | 468 | 224 | 692 |
| May | 236 | 253 | 9 | 47 | 81 | 10 | 636 | 359 | 277 | 636 |
| June | 207 | 252 | 10 | 47 | 79 | 13 | 608 | 339 | 269 | 608 |
| July | 221 | 251 | 6 | 42 | 72 | 10 | 602 | 350 | 252 | 602 |
| August | 242 | 255 | 8 | 42 | 68 | 9 | 624 | 405 | 219 | 624 |
| September | 257 | 267 | 6 | 47 | 66 | 7 | 650 | 437 | 213 | 650 |
| October | 277 | 267 | 7 | 46 | 66 | 7 | 670 | 409 | 261 | 670 |
| November | 325 | 272 | 9 | 42 | 61 | 7 | 716 | 433 | 283 | 716 |
| December | 378 | 277 | 13 | 48 | 73 | 8 | 797 | 472 | 325 | 797 |
| Total | 3400 | 3158 | 124 | 592 | 871 | 111 | 8256 | 5090 | 3166 | 8256 |
| Monthly average | $283\frac{4}{12}$ | $283\frac{2}{12}$ | $10\frac{4}{12}$ | $49\frac{4}{12}$ | $72\frac{7}{12}$ | $9\frac{3}{12}$ | 688 | $424\frac{2}{12}$ | $283\frac{10}{12}$ | 688 |

## TABLE G,

Showing the number of persons committed to the Almshouse by Magistrates, and their Age, Sex, Color, and period of commitment, for the year 1883.

| Date. | Sex and age. | | | | | Color. | | | Period of commitment. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Males over 21. | Males under 21. | Females over 18. | Females under 18. | Total. | White. | Colored. | Total. | Under 3 months. | 3 to 6 months. | 6 months and over. | Total. |
| January | 15 | 5 | 5 | 1 | 26 | 21 | 5 | 26 | 5 | 21 | ..... | 26 |
| February | 9 | .... | 4 | .... | 13 | 9 | 4 | 13 | 6 | 7 | ..... | 13 |
| March | 11 | 1 | 12 | .... | 24 | 18 | 6 | 24 | 14 | 5 | 5 | 24 |
| April | 13 | 4 | 7 | .... | 24 | 21 | 3 | 24 | 14 | 6 | 4 | 24 |
| May | 15 | 1 | 2 | .... | 18 | 13 | 5 | 18 | 11 | 3 | 4 | 18 |
| June | 8 | 1 | 7 | .... | 16 | 11 | 5 | 16 | 10 | 3 | 3 | 16 |
| July | 8 | .... | 3 | .... | 11 | 10 | 1 | 11 | 9 | 2 | ..... | 11 |
| August | 15 | .... | 4 | .... | 19 | 16 | 3 | 19 | 12 | 4 | 3 | 19 |
| September | 13 | 2 | 12 | .... | 27 | 22 | 5 | 27 | 19 | 7 | 1 | 27 |
| October | 15 | 2 | 9 | .... | 26 | 21 | 5 | 26 | 17 | 7 | 2 | 26 |
| November | 22 | 3 | 11 | .... | 36 | 26 | 10 | 36 | 25 | 7 | 4 | 36 |
| December | 14 | 1 | 9 | .... | 24 | 17 | 7 | 24 | 19 | 5 | ..... | 24 |
| Total | 158 | 20 | 85 | 1 | 264 | 205 | 59 | 264 | 161 | 77 | 26 | 264 |

## TABLE H.

Showing birth-place of persons committed to the Almshouse as Vagrants by Magistrates for the year 1883.

| Natives. | | Foreigners. | |
|---|---|---|---|
| Baltimore | 66 | Germany | 54 |
| Maryland | 27 | Ireland | 34 |
| Virginia | 19 | England | 3 |
| Pennsylvania | 11 | Sweden | 2 |
| New Jersey | 1 | Austria | 1 |
| New York | 10 | Switzerland | 2 |
| North Carolina | 3 | Poland | 5 |
| Delaware | 4 | West Indies | 1 |
| Connecticut | 1 | France | 1 |
| District of Columbia | 4 | Scotland | 3 |
| West Virginia | 1 | Denmark | 1 |
| Unknown | 5 | Bohemia | 3 |
| | 152 | Canada | 2 |
| | | Foreigners | 112 |
| | | Natives | 152 |
| | | Total | 264 |

## TABLE I.

Showing the work done by inmates for the year 1883, and its approximated value.

| | | | |
|---|---|---|---|
| 13,470 | Days | labor, at $1.00 | $13,470 00 |
| 2,492 | " | Washing and Ironing, at 50 cts. | 1,246 00 |
| 1,213 | " | Carpenters' work, at $1.50 | 1,819 50 |
| 198 | " | Painting and Glazing, at $1.50 | 297 00 |
| 347 | " | Tinners' work, at $1.50 | 520 50 |
| 216 | " | Bricklaying, at $1.50 | 324 00 |
| 28 | " | Plastering, at $1.50 | 42 00 |
| 762 | " | Tailoring, at $1.50 | 1,143 00 |
| 793 | " | Cobblers' work, at $1.50 | 1,189 50 |
| 812 | " | Blacksmithing, at $1.50 | 1,218 00 |
| 683 | | Shirts made, at 12 cts | 81 96 |
| 510 | | Undergarments made, at 15 cts. | 76 50 |
| 297 | | Frocks made, at 25 cts | 74 25 |
| 27 | Pairs | of Drawers made, at 15 cts | 4 05 |
| 144 | " | of Stockings knit, at 20 cts | 28 80 |
| 154 | | Aprons made, at 5 cts | 7 70 |
| 13 | | Infant slips made, at 10 cts | 1 30 |
| 231 | | Bed ticks made, at 15 cts | 34 65 |
| 379 | | Pillow cases made, at 15 cts | 56 85 |
| 243 | | Pillow ticks made, at 5 cts | 12 15 |
| 303 | | Bed sheets made, at 6 cts | 18 18 |
| 24 | | Window curtains made, at 12 cts. | 2 88 |
| 93 | | Cotton jackets made, at 25 cts. | 23 25 |
| 18 | | Table covers made, at 10 cts | 1 80 |
| 117 | | Towels made, at 5 cts | 5 85 |
| 125 | | Slips made, at 25 cts | 31 25 |
| 14 | | Muslin caps made, at 5 cts | 70 |
| 16 | | Quilts made, at $1.50 | 24 00 |
| | | | $21,755 62 |

## TABLE K.

Showing the Quantity of Clothing Issued to the Inmates for the Year 1883.

| Date. | Pairs of Shoes. | Shirts. | Prs. Men's Hose. | Pantaloons. | Vests. | Jackets. | Coats. | Hats and Caps. | Aprons. | Flannel Shirts. | Slips. | Frocks. | Women's Stockings. | Drawers. | Under Garm'ts. | Women's Josies and Jackets. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 37 | 83 | 78 | 41 | 2 | 13 | 2 | .. | 5 | 5 | 24 | 22 | 2 | 4 | 22 | 2 |
| February | 27 | 81 | 24 | 24 | 1 | 13 | 1 | 3 | 9 | 3 | 27 | 42 | 7 | 11 | 56 | 4 |
| March | 20 | 66 | .... | 38 | 5 | 19 | 1 | 1 | 7 | 3 | 18 | 20 | 14 | 1 | 54 | 12 |
| April | .... | 54 | .... | 30 | 2 | 5 | 2 | .. | 4 | .. | .... | 1 | 4 | 2 | 65 | 10 |
| May | 4 | 50 | .... | 20 | .. | 10 | .... | | 6 | .. | 20 | 37 | 6 | .. | 50 | 3 |
| June | 22 | 67 | .... | 15 | .. | 3 | .. | 16 | 2 | .. | 8 | 8 | 11 | .. | 41 | .... |
| July | .... | 50 | .... | .... | .. | .. | .. | 31 | .. | .. | 12 | 2 | 3 | .. | 49 | 8 |
| August | 24 | 31 | .... | 12 | .. | 3 | .. | 12 | .. | .. | .... | 6 | 4 | .. | 33 | 12 |
| September | .... | 69 | .... | 6 | .. | 6 | .... | | 9 | .. | 6 | 18 | 10 | 5 | 16 | 11 |
| October | .... | 36 | .... | 7 | 1 | 4 | .... | | 3 | 4 | .... | 29 | 15 | 10 | 38 | 13 |
| November | 134 | 50 | .... | 9 | 2 | 9 | 1 | .. | 7 | 2 | 10 | 12 | 54 | 17 | 72 | 13 |
| December | 16 | 48 | 60 | 43 | 3 | 4 | 3 | .. | 12 | 2 | 17 | 57 | 27 | 16 | 67 | 21 |
| Total | 284 | 685 | 162 | 215 | 16 | 89 | 10 | 63 | 64 | 19 | 142 | 254 | 157 | 66 | 563 | 109 |

## TABLE L.

Showing the number of Births and Deaths in each month; also, the Sex and Color, for the year 1883.

| Date. | Births. | | | | | Deaths, Adults. | | | | | Deaths, Children. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | White Males. | White Females. | Colored Males. | Colored Females. | Total. | White Males. | White Females. | Colored Males. | Colored Females. | | White Males. | White Females. | Colored Males. | Colored Females. | Total. |
| January | | | | | | 5 | 3 | 5 | | | | | | | 13 |
| February | 2 | | | 1 | 3 | 2 | 2 | 3 | 2 | | | | 1 | | 10 |
| March | 1 | 1 | 3 | | 5 | 9 | 4 | 2 | 6 | | 1 | 1 | | | 23 |
| April | 1 | 1 | | | 2 | 11 | 6 | 6 | 3 | | | | | | 26 |
| May | 1 | | | 1 | 2 | 10 | | 4 | 2 | | | | | | 16 |
| June | 4 | | 1 | 3 | 8 | 8 | 6 | 4 | 5 | | | | | | 23 |
| July | 3 | 1 | | | 4 | 10 | 4 | 6 | 5 | | | | 1 | | 26 |
| August | 1 | 1 | | 1 | 3 | 8 | 6 | 3 | 5 | | | | | | 22 |
| September | | 1 | | | 1 | 7 | 1 | 3 | 3 | | | | | | 14 |
| October | 1 | | 1 | 1 | 3 | 7 | 8 | 5 | 1 | | | | | | 21 |
| November | 2 | | 1 | 1 | 4 | 11 | 5 | 5 | 6 | | | | 1 | | 28 |
| December | | 4 | | | 4 | 10 | 7 | 3 | 1 | 1 | | | | | 22 |
| Total | 16 | 9 | 6 | 8 | 39 | 98 | 52 | 49 | 39 | | 2 | 1 | 3 | | 244 |

## TABLE M,

Showing the names, quantity and average cost of Articles purchased for the Institution from January 1st, 1883, to December 31st, 1883.

### A.

| | | |
|---|---|---|
| Apples | 9 bbls. | $3.42 per barrel. |
| Axle Grease | 105 lbs. | 5 cents per lb. |

### B.

| | | |
|---|---|---|
| Brushes, shaving | ½ doz. | $1.40 per dozen. |
| " hand-dusting | 3 " | $3.50 " " |
| " scrubbing | 3 " | $1.50 " " |
| " white-wash | 5 " | $13.83 " " |
| " deck-scrubb'g | 3½ " | $1.50 " " |
| " paint | 3 " | $4.15 " " |
| " shoe | ¾ " | $3.00 " " |
| " sweeping | ½ " | $10.00 " " |
| Buckets, water | 3 " | $1.93 " " |
| " galvanized iron | 3 " | $8.50 " " |
| Butter | 2851 lbs. | 23½ cents per lb. |
| Barley | 4120 " | 4½ " " " |
| Brooms, corn | 18½ doz. | $3.58 per dozen. |
| " hickory | 8 " | $2.75 " " |
| Books and stationery | | $144.56. |
| Blankets, horse | 2 | $3.90 each. |
| " | 170 pair | $1.35 per pair. |

TABLE M—Continued.

| | | |
|---|---|---|
| Buckwheat flour | 75 lbs. | 5½ cents per lb. |
| Bacon shoulders, plain | 17,323 lbs. | 8½ " " " |
| " " S. C. | 1000 " | 10½ " " " |
| " hams " | 3852 " | 15 " " " |
| Beef | 46,196 " | 6½ " " " |
| " round, roast and steak | 14,740 " | 11½ " " " |
| Buttons | 5 great gross. | $1.25 per gt. gross. |
| Bed-ticking | 1195 yds. | 14½ cents per yd. |
| Beans, white | 44½ bush. | $2.00 per bush. |
| Baskets | 3 doz. | $8.88 per doz. |
| Bricks | 10,000 | $8.95 " M |
| " fire, no. 1 | 600 | $3.75 " C |
| Brogans, men's | 156 prs. | $1.25 " pr |
| Buskins, woman's | 146 " | $1.00 " " |

C.

| | | |
|---|---|---|
| Crackers, water | 1033 lbs. | 8 cents per lb. |
| " soda | 337 lbs. | 8¾ " " |
| Calico | 784½ yds. | 6½ " per yd. |
| Candles, adamantine | 120 lbs. | 12⅛ " " lb. |
| Cheese | 321 " | 13¼ " " " |
| Corn starch | 120 " | 8¼ " " " |
| " meal | 345 " | 2 " " " |
| Coal, George's Creek | 1152[40] tons | $3.49 " ton. |
| " Sunbury | 118[23] " | $5.35 " " |
| Currants | 12 lbs. | 7 cents " lb. |
| Comforts | 50 | 68¾ " each. |
| Coffee, Java, green | 510 lbs. | 21 " per lb. |
| " Rio, green | 7361 " | 10⅓ " " |
| " Hummel's ess. | 1033 " | 5¾ " " |

TABLE M—Continued.

| | | |
|---|---|---|
| Crash | 149¼ yds. | 14 cents per yd. |
| Cakes, ginger | 12 bbls. | $5.39 " barrel. |
| " sugar | 3 " | $8.32 " " |
| Chamois skins | 3 | 64⅓ cents each. |
| Corn | 1119 bush. | 41 cts. per bush. |
| Cement | 13 bbls. | $2.52 " barrel. |
| Charcoal | 90 " | 40½ cts. " " |
| Collars, horse | 2 | $2.25 each. |
| Covers, " | 4 | $4.50 " |
| Combs, dressing | 6 doz. | 43 cts. per doz. |
| " fine tooth | 9 " | 65 " " |
| Cotton waste | 45 lbs. | 12 " per lb. |
| Castings | 500 " | 5¾ " " |
| Cotton bats | 4 doz. | 12 cents per lb. |
| Cotton knitting | 36 lbs. | 60 " " |
| " spool | 58 doz. | 53 " per doz. |
| Camphor gum | 10 lbs. | 24 " " lb. |
| | D. | |
| Drugs (contract) | | $1,313.79. |
| Dryers, liquid | 4½ galls. | 80 cents per gall. |
| | E. | |
| Engineer's stores | | $263.99. |
| | F. | |
| Flannel, red | 158½ yds. | 22 cents per yard. |
| Flour, family | 42 bbls. | $7.56 per bbl. |
| " " | 1083 " | $5.86 " " |
| Fire, clay | 3 " | $3.00 " " |
| Files, saw | 2 doz. | $3.10 " doz. |

TABLE M—Continued.

G.

| | | |
|---|---|---|
| Glass, window | 4 boxes. | $3.37 per box. |
| Glass and Queensware | | $37.20 |
| Glue | 2 lbs. | 25 cents per lb. |
| Grains | 126 bush. | 10 " " |

H.

| | | |
|---|---|---|
| Hose, men's | 14 doz. | $1.06 per doz. |
| Hinges | 3 " pairs | $1.00 " pair. |
| Hame strings | 1 " | $1.00 " doz. |
| Hops | 75 lbs. | 68 cents per lb. |
| Hay | 26 tons | $17.12 per ton. |
| Hominy | 114 bush. | $1.39 per bush. |
| Hardware | | $451.42. |
| Herrings | 13½ bbls. | $7.15 per bbl. |

I.

| | | |
|---|---|---|
| Indigo blue, laundry | 15 doz. | 26 cents per box. |
| Ice | 14 tons | $5.76 per ton. |

L.

| | | |
|---|---|---|
| Leather, sole | 363 lbs. | 34 cents per lb. |
| " calf skin | 35 " | 95 " " " |
| Lard | 2042 " | 10¾ " " " |
| Lead, white | 462 " | 7½ " " " |
| Lime | 75 bush. | 60 " " bush. |
| " chloride | 8 bbls. | $7.70 " bbl. |
| Lumber, Culls, dressed | 8335 feet | $27.50 " M. |
| " Miscellaneous | 7418 " | $32.00 " " |

TABLE M—Continued.

M.

| | | |
|---|---|---|
| Men's wear | 865½ yds. | 18 cents per yd. |
| Muslin, brown | 5000 " | 6½ " " " |
| Mosquito netting | 15 pieces | 45 " " piece |
| Matches | 40 gross | $1.80 " gross |
| Mustard | 36 lbs. | 40 " " lb. |
| Malt, ground | 5 bush. | $1.19 " bush. |
| Molasses | 823 galls. | 38 " " gall. |
| Mackerel, No. 3 | 3 bbls. | $6.90 " bbl. |
| Mutton | 41,843 lbs. | $5.75 " C. |
| Middlings | 1056 bush. | 29 " " bush. |

N.

| | | |
|---|---|---|
| Nails, finishing | 10 papers | 15 cents per paper |
| " cut | 7 kegs | $3.35 " keg |
| Nutmegs | 1½ lbs. | 90 " " lb. |

O.

| | | |
|---|---|---|
| Oats | 850 bush. | 48 cents per bush. |
| Oilcloth | 34½ yds. | 35 " " yd. |
| Oil, lard | 179 galls. | 88 " " gall. |
| " linseed | 19 " | 66 " " " |
| " neats foot | 3 " | $1.00 " " |
| " gas | 124 bbls. | $7.05 " bbl. |

P.

| | | |
|---|---|---|
| Padlocks | 2 doz. | $10.35 per doz. |
| Pins | 3 pkgs. | 48 cents per pkg. |
| Pies | 1250 | 6 " each. |

TABLE M—Continued.

| | | |
|---|---|---|
| Plaid, domestic | 2257 yds. | 9¼ cents per yd. |
| Putty | 14½ lbs. | 3½ " " lb. |
| Potatoes | 1054 bush. | 75 " " bush. |
| Potash | 300 lbs. | 8$_6$ " " lb. |
| Pork, corned | 1271 " | 9¼ " " lb. |
| Pepper, black | 180 " | 19¾ " " lb. |
| Peas | 20 bush. | $1.02 per bush. |

R.

| | | |
|---|---|---|
| Rice | 3758 lbs. | 6¾ cents per lb. |
| Raisins | 1 box | $2.65. |
| Rivets, tin | 2 lbs. | 50 cents per lb. |

S.

| | | |
|---|---|---|
| Spectacles | 4 doz. pairs | $2.00 per doz. |
| Slop | 72 galls. | 25 cents per gall. |
| Syrup, golden | 4 " | 60 " " " |
| Starch | 220 lbs. | 5⅓ " " lb. |
| Spoons, tinned iron | ½ gross | $6.00 per gross. |
| Soap, toilet | 9 doz. | 70 cents per doz. |
| " mammoth laun'y | 6931 lbs. | 4 " " lb. |
| " country | 2981 " | 4 " " " |
| Shoe laces | 1 gross | 30 " " gross. |
| " " leather | 2 " | 55 " " " |
| Stockings, women's | 6 doz. pair | $1.25 per doz. pair. |
| Sponges | 5 | 68 cents each. |
| Shovels | ½ doz. | $12.00 per doz. |
| Screws | 20 gross | 59 cents per gross. |
| Salt, fine | 132 bush. | 51 " " bush. |
| " ground alum | 39 " | 30 " " " |

TABLE M—continued.

| | | |
|---|---|---|
| Straw | 19[1361] tons | $9.60 per ton. |
| Solder | 39¼ lbs. | 17 cts. " lb. |
| Shoe findings | | $24.58. |
| Sugar, brown | 16,023 lbs. | 7½ cts. per lb. |
| " white | 3404 " | 8½ " " |
| Shoe, blacking | 2½ doz. | 60 " per doz. |
| Shoeing and repairs | | $417.65 |
| Seed, turnip | 10 lbs. | 50 cts. per lb. |
| " cabbage | 3 " | $3.58 " |
| " beet | 1 lb. | 50 cts. " |
| " beans | 1 bush. | $4.00 per bush. |
| " onion | 7 lbs. | $3.00 " lb. |
| " lawn grass | 4 " | 33 cts. " " |
| " kale | 2 " | 50 " per lb. |
| " parsley | ¼ " | 25 " " |
| " spinach | 5 " | 30 " " |
| " peas | 1½ bush. | $2.00 per bush. |
| " potatoes | 26 " | $1.00 " " |
| " celery | 8 ozs. | 22 cts. per oz. |
| " carrot | 2 lbs. | 75 " " lb. |
| " parsnip | 3 " | 60 " " " |
| " tomato | 1 lb. | $2.75 " " |
| " salsify | 2 lbs. | $3.00 " " |
| " lettuce | ¼ lb. | 60 cts. " " |
| " German millet | 1 bush. | $1.50 " bush. |
| " lima beans | 1 pint | 18 cents. |
| Spades | 4 | 75 cts. each. |
| Stoves and pipes | | $124.65. |

T.

| | | |
|---|---|---|
| Towels | 2 doz. | $2.00 per doz. |
| Thread, patent | 25 lbs. | $1.37 " lb. |

TABLE M—Continued.

| | | |
|---|---|---|
| Trusses | ¼ doz. | $30.00 " doz. |
| Tacks, carpet | 25 papers | 8 cents per paper. |
| " lasting | 26 lbs. | 8 " " lb. |
| Turpentine | 24½ galls. | 60 " " gall. |
| Tin plate | 6 boxes | $9.66 per box. |
| Tobacco | 818 lbs. | 34 cents per lb. |
| Tea, gunpowder | 70 " | 85 " " |
| " black | 490 " | 45 " " |
| " imperial | 619 " | 45 " " |

V.

| | | |
|---|---|---|
| Vinegar | 184 galls. | 17½ cents per gall. |
| Varnish, furniture | 5½ " | $1.50 " " |
| " paraffine | 20 " | 50 cents " " |

W.

| | | |
|---|---|---|
| Wood, pine | 40½ cords | $6.50 per cord. |
| Wooden ware | | $1.45 |
| Wash tubs | 3¼ doz. | $6.00 per doz. |
| Whips | ⅓ " | $1.72 each. |
| Whiskey (hospital) | 206 galls. | $2.33 per gall. |
| Whiting | 8 lbs. | 2 cts. " lb. |
| Wash boards | ½ doz. | $2.00 " doz. |
| Wine, cooking | ½ gall. | $2.00 " gall. |

Y.

| | | |
|---|---|---|
| Yeast powder | 24 doz. | $1.25 per doz. |

# REPORT OF THE ENGINEER.

BAYVIEW ASYLUM, January 1st, 1884.

*To the Honorable Board of Trustees:*

GENTLEMEN:

I herewith most respectfully present to you the Annual Report of this Department for the year ending December 31st, 1883.

WM. KAISER, *Engineer.*

Total amount of Cumberland Coal consumed, and by what Department of the Institution.

| 1883. | Lbs. | Tons. | Pounds. |
|---|---|---|---|
| Tubular Boiler | 1,961,000 | 875 | 1,000 |
| Blacksmith Shop | 7,170 | 3 | 450 |
| Carpenter Shop | 6,970 | 3 | 250 |
| Main Gate | 10,760 | 4 | 1,800 |
| East Gate | 7,420 | 3 | 700 |
| West Gate | 5,980 | 2 | 1,500 |
| New Insane Building | 11,400 | 5 | 200 |
| | 2,010,700 | 897 | 1,420 |

Total amount of Sunbury Coal consumed, and by what Department of the Institution.

| 1883. | Lbs. | Tons. | Pounds. |
|---|---|---|---|
| Centre Kitchen | 67,700 | 30 | 500 |
| Matron's Kitchen | 54,360 | 24 | 600 |
| Ironing Room | 33,800 | 15 | 200 |
| Bake House | 59,040 | 26 | 800 |
| Pest Hospitals | 57,000 | 25 | 1,000 |
| | 271,900 | 121 | 860 |

Cumberland Coal on hand December 31, 1883..78 tons.
Sunbury Coal on hand December 31, 1883 ....57 "

# REPORT OF THE GARDENER.

BAYVIEW ASYLUM, January 1st, 1884.

*The Honorable Board of Trustees:*

GENTLEMEN:

Permit me most respectfully to present this, my Annual Report as Gardener of the Institution for the year ending December 31st, 1883.

JNO. F. BARRANGER, *Gardener.*

## REPORT OF THE GARDENER.

| Articles. | Bush. | Doz. | Bush. | Lbs. | Galls. | Tons. | No. of | Prices. | Amount. |
|---|---|---|---|---|---|---|---|---|---|
| Cabbage | ..... | ..... | ..... | ..... | ..... | ..... | 4,972 | $ 8 | $ 397 76 |
| Potatoes | 218 | ..... | ..... | ..... | ..... | ..... | ..... | 60 | 130 80 |
| Cymblings | ..... | 132 | ..... | ..... | ..... | ..... | ..... | 12 | 15 84 |
| Carrots | ..... | ..... | 3,120 | ..... | ..... | ..... | ..... | 6 | 187 20 |
| Celery | ..... | ..... | 2,930 | ..... | ..... | ..... | ..... | 10 | 293 00 |
| Tomatoes | 310 | ..... | ..... | ..... | ..... | ..... | ..... | 1 00 | 310 00 |
| Radishes | ..... | ..... | 260 | ..... | ..... | ..... | ..... | 4 | 10 40 |
| Beets | ..... | ..... | 408 | ..... | ..... | ..... | ..... | 4 | 16 32 |
| Turnips | 529 | ..... | ..... | ..... | ..... | ..... | ..... | 50 | 264 50 |
| Parsley | ..... | ..... | 912 | ..... | ..... | ..... | ..... | 1 | 9 12 |
| Spinach | 64 | ..... | ..... | ..... | ..... | ..... | ..... | 1 00 | 64 00 |
| Lettuce | ..... | ..... | ..... | ..... | ..... | ..... | 620 | 10 | 62 00 |
| Kale Sprouts | 42 | ..... | ..... | ..... | ..... | ..... | ..... | 50 | 21 00 |
| Cabbage Sprouts | 19 | ..... | ..... | ..... | ..... | ..... | ..... | 1 00 | 19 00 |
| Parsnips | 348 | ..... | ..... | ..... | ..... | ..... | ..... | 1 00 | 348 00 |
| Horse Radish | ..... | ..... | ..... | ..... | ..... | ..... | 172 | 8 | 13 76 |
| Green Peas | 70 | ..... | ..... | ..... | ..... | ..... | ..... | 60 | 42 00 |
| Leeks | ..... | ..... | ..... | ..... | ..... | ..... | 680 | 4 | 27 20 |
| Onions | ..... | ..... | 2,910 | ..... | ..... | ..... | ..... | 2 | 58 20 |
| " | 97 | ..... | ..... | ..... | ..... | ..... | ..... | 3 00 | 291 06 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Onion Setts | 9 | | | | | | | $5 00 | $ 45 00 |
| Lima Beans (green) | 48 | | | | | | | 1 00 | 48 00 |
| " (dry) | 9 | | | | | | | 4 00 | 36 00 |
| Corn (green) | | 125 | | | | | | 15 | 18 75 |
| " (dry) | | | | | | | 18 bbls | 3 00 | 54 00 |
| String Beans | 165 | | | | | | | 1 00 | 165 00 |
| Cucumbers | | 102 | | | | | | 12 | 12 24 |
| Pickles (per M) | | | | | | | 3,752 | 2 00 | 7 50 |
| Asparagus | | | 68 | | | | | 20 | 13 60 |
| Egg Plants | | | | | | | 204 | 5 | 10 20 |
| Oyster Plants | | | 560 | | | | | 6 | 33 60 |
| Rye | 100 | | | | | | | 60 | 60 00 |
| Hay | | | | | | 10 | | 20 00 | 200 00 |
| Corn Fodder (green) | | | | | | 6 | | 5 00 | 30 00 |
| Rye Straw | | | | | | 10 | | 12 00 | 120 00 |
| Pigs | | | | | | | 103 | 2 25 | 231 75 |
| Butter | | | | 404 | | | | 30 | 121 20 |
| Cream | | | | | 151 | | | 75 | 113 25 |
| Milk | | | | | 2,406 | | | 25 | 601 50 |
| Eggs | | 609 | | | | | | 30 | 182 70 |
| Ice | | | | | | 132 | | 4 00 | 528 00 |
| Sand to New Build'g | | | | | | | 1,500 | 50 | 750 00 |
| Sand to B. V. A | | | | | | | 35 | 50 | 17 50 |
| | | | | | | | | | $5,980 89 |

# REPORT OF THE BAKER.

Bayview Asylum, January 1, 1884.

*To the Honorable Board of Trustees:*

Gentlemen:

I herewith present my annual report as Baker of this Institution for the year ending December 31, 1883.

Very respectfully, your obedient servant,

JOHN BEISWANGER, *Baker.*

| | | |
|---|---|---|
| Flour received | | 1,068 bbls. |
| Loaves of bread baked | 257,655 | |
| Loaves of bread on hand Jan. 1, 1883. | 18 | |
| | 257,673 | |
| Loaves of bread sent to store room | 257,307 | |
| On hand January 1, 1884 | 366 | |
| Weight of bread baked | | 289,862 lbs. |
| Average weight of each loaf | | 1 lb. 2 oz. |

# REPORT

— OF THE —

# VISITING PHYSICIANS

For the Year Ending Dec. 31, 1883.

# REPORT OF THE VISITING PHYSICIANS.

BAYVIEW ASYLUM, January 1, 1884.

*To the Honorable, The Board of Trustees:*

GENTLEMEN:

We have the honor to submit the following, as the annual report of the Medical Department of this Institution for the year ending December 31, 1883.

Number of patients remaining in Hospital December 31, 1882, one hundred and twenty-five (125), number of patients admitted from January 1, 1883, one thousand two hundred and twenty-five (1,225), making a total of one thousand three hundred and fifty (1,350). Number cured, seven hundred and eight (708), number relieved, three hundred and seven (307), number died, two hundred and thirty (230), number remaining, one hundred and five (105). Remaining in Insane Department December 31, 1882, two hundred and six (206), admitted from January 1, 1883, one hundred and nine (109), making a total of three hundred and fifteen (315). Number cured, thirty-three (33), number relieved, sixty-six (66), number died, fourteen (14), number remaining, two hundred and two (202).

We have to note the presence, during the year, of two cases of typhus fever. These were promptly removed to the "Pest Barracks." In averting an epidemic of this disease, we are specially indebted to Mr. Charles Carroll, the able and energetic Superintendent of the Institution, who acted promptly on our suggestions as to measures best calculated to prevent it.

We again urge upon your honorable Board the necessity for a larger supply of water, the amount as at present furnished being absolutely insufficient.

We also recommend the immediate completion of the new building for the insane, as that department was overcrowded during the year.

We are indebted to the Superintendent, Matrons and the other officers of the Institution for valuable assistance.

We tender our thanks to Dr. Joseph T. Bartlett, as also to Drs. Giles, Russell, Cooke, Watkins and Sandborne.

Thanking you, gentlemen, for your courtesy and your prompt action in measures which we considered beneficial to those under your charge, we remain,

Very respectfully, yours,

GEORGE B. REYNOLDS, M.D.
A. P. CLARKE, M.D.

## TABULAR STATEMENT

Of the number of cases treated in Bayview Asylum, for the year ending December 31st, 1883.

| Diseases. | Treated. | Cured. | Relieved. | Died. | Remaining |
|---|---|---|---|---|---|
| Apoplexy | 9 | .... | .... | 9 | .... |
| Abscess | 13 | 12 | .... | .... | 1 |
| Asthma | 3 | 2 | 1 | .... | .... |
| Arthritis (chronic) | 1 | .... | 1 | .... | .... |
| Aneurism (aorta) | 3 | .... | 2 | 1 | .... |
| Ascites | 3 | 2 | 1 | .... | .... |
| Amputations | 2 | 2 | .... | .... | .... |
| Anaemia | 1 | .... | .... | .... | 1 |
| Bright's disease | 16 | .... | 8 | 6 | 2 |
| Bronchitis (chronic) | 10 | .... | 10 | .... | .... |
| " (acute) | 6 | 6 | .... | .... | .... |
| Burns | 9 | 9 | .... | .... | .... |
| Cancer (womb) | 2 | .... | .... | 2 | .... |
| " (gastro duodenal) | 1 | .... | .... | 1 | .... |
| " (face) | 4 | .... | 2 | 2 | .... |
| " (mouth) | 1 | .... | .... | 1 | .... |
| " (breast) | 1 | .... | .... | 1 | .... |
| " (œsophagus) | 1 | .... | .... | 1 | .... |
| " (eye) | 1 | .... | .... | 1 | .... |
| " (stomach) | 1 | .... | .... | 1 | .... |
| " (abdominal diffused) | 1 | .... | .... | 1 | .... |
| Cirrhosis (liver) | 1 | .... | .... | 1 | .... |
| Constipation | 5 | 5 | .... | .... | .... |
| Consumption (lungs) | 131 | .... | 38 | 79 | 14 |
| Carbuncle | 2 | 2 | .... | .... | .... |
| Conjunctivetis | 2 | 2 | .... | .... | .... |
| Cellulitis (hand) | 1 | 1 | .... | .... | .... |
| Croup | 1 | .... | .... | 1 | .... |
| Dislocations | 2 | 2 | .... | .... | .... |
| Diarrhœa | 37 | 25 | .... | 12 | .... |

TABULAR STATEMENT—Continued.

| Diseases. | Treated. | Cured. | Relieved. | Died. | Remaining. |
|---|---|---|---|---|---|
| Dysentery | 21 | 13 | .... | 8 | .... |
| Debauch | 85 | 84 | ... | 1 | .... |
| Dropsy | 4 | .... | 3 | 1 | .... |
| " (ovarian) | 1 | .... | .... | 1 | .... |
| Delirium tremens | 3 | 3 | .... | .... | .... |
| Disease of hip joint | 1 | .... | .... | 1 | .... |
| Diabetes | 1 | .... | 1 | .... | .... |
| Epilepsy | 42 | .... | 19 | 1 | 22 |
| Eczema | 7 | 6 | .... | .... | 1 |
| Erysipelas | 8 | 7 | .... | .... | 1 |
| Exhaustion | 5 | .... | 2 | 3 | .... |
| Epididymetis | 4 | .... | 4 | .... | .... |
| Enlarged glands | 1 | .... | 1 | .... | .... |
| Frostbite | 10 | 9 | .... | .... | 1 |
| Fever (malarial) | 174 | 162 | .... | .... | 12 |
| " (typhoid) | 8 | 4 | .... | 4 | .... |
| " (typho-malarial) | 4 | 3 | .... | .... | 1 |
| " (intermittent) | 80 | 78 | .... | .... | 2 |
| " (typhus) | 2 | .... | .... | 2 | .... |
| Fractures | 11 | 8 | .... | .... | 3 |
| Furunculus | 4 | 4 | .... | .... | .... |
| Felon | 1 | 1 | .... | .... | .... |
| General debility | 32 | 18 | 10 | .... | 4 |
| Gangrene (senile) | 2 | .... | 1 | 1 | .... |
| Gastritis | 5 | 5 | .... | .... | .... |
| Gastro enteritis | 1 | .... | .... | 1 | .... |
| Hemorrhoids | 3 | 3 | .... | .... | .... |
| Hypochindriasis | 1 | 1 | .... | .... | .... |
| Heart disease | 21 | .... | 8 | 13 | .... |
| Hemiplegia | 5 | .... | 5 | .... | .... |
| Hysteria | 5 | 5 | .... | .... | .... |
| Hernia (inguinal) | 2 | .... | 1 | .... | 1 |

TABULAR STATEMENT—Continued.

| Diseases. | Treated. | Cured. | Relieved. | Died. | Remaining |
|---|---|---|---|---|---|
| Hepatitis | 1 | .... | 1 | .... | .... |
| Iritis | 6 | 5 | 1 | .... | .... |
| Incontinence of urine | 1 | .... | 1 | .... | .... |
| Icterus | 1 | 1 | .... | .... | .... |
| Inanition | 2 | .... | .... | 2 | .... |
| Lumbago | 3 | 1 | .... | .... | 2 |
| Malingerers | 16 | 15 | .... | .... | 1 |
| Moribund | 16 | .... | .... | 16 | .... |
| Menorrhazia | 4 | 4 | .... | .... | .... |
| Mercurial salivation | 1 | 1 | .... | .... | .... |
| Measles | 2 | .... | .... | .... | 2 |
| Myclitis | 1 | .... | .... | .... | 1 |
| Nephritis (chronic) | 1 | .... | 1 | .... | .... |
| Neuralgia | 4 | 3 | 1 | .... | .... |
| Orchitis | 1 | .... | 1 | .... | .... |
| Onychia | 1 | 1 | .... | .... | .... |
| Old age | 33 | .... | .... | 33 | .... |
| Opium eating | 3 | .... | 3 | .... | .... |
| Oedema (lungs) | 1 | .... | .... | 1 | .... |
| Pleurisy | 8 | 8 | .... | .... | .... |
| Pneumonia (pleuro) | 7 | 6 | .... | .... | 1 |
| " (typhoid) | 11 | 4 | .... | 7 | .... |
| Paralysis | 17 | .... | 8 | 9 | .... |
| Pyæmia | 2 | 2 | .... | .... | .... |
| Peritonitis | 1 | .... | .... | 1 | .... |
| Potts' disease | 3 | .... | 3 | .... | .... |
| Pharyngetis | 1 | 1 | .... | .... | .... |
| Rheumatism (chronic) | 32 | .... | 31 | .... | 1 |
| " (acute) | 28 | 28 | .... | .... | .... |
| " (syph.) | 19 | .... | 19 | .... | .... |
| Sore throat | 2 | 2 | .... | .... | .... |

TABULAR STATEMENT—Continued.

| Diseases. | Treated. | Cured. | Relieved. | Died. | Remaining |
|---|---|---|---|---|---|
| Septicæmia | 1 | .... | .... | 1 | .... |
| Sprains | 15 | 13 | .... | .... | 2 |
| Syphilis | 84 | .... | 79 | 3 | 2 |
| Scrofula | 2 | .... | 2 | .... | .... |
| Sciatica | 1 | 1 | .... | .... | .... |
| Tonsilitis | 4 | 4 | .... | .... | .... |
| Ulcers | 94 | 57 | 22 | .... | 15 |
| Venereal diseases | 80 | 53 | 16 | .... | 11 |
| Vaginitis | 2 | 2 | .... | .... | .... |
| Vertigo | 1 | 1 | .... | .... | .... |
| Wounds (contused) | 6 | 6 | .... | .... | .... |
| " (incised) | 4 | 4 | .... | .... | .... |
| " (lacerated) | 2 | 1 | .... | .... | 1 |
| Total | 1350 | 708 | 307 | 230 | 105 |

## TABULAR STATEMENT—Concluded.

| Insane Patients. | Treated. | Cured. | Relieved. | Died. | Remain'g. |
|---|---|---|---|---|---|
| Males | 128 | 18 | 34 | 6 | 70 |
| Females | 187 | 15 | 32 | 8 | 132 |
| Total | 315 | 33 | 66 | 14 | 202 |

BIRTHS.

| | |
|---|---|
| White Males | 16 |
| " Females | 9 |
| Colored Males | 6 |
| " Females | 8 |
| Total | 39 |

RECAPITULATION.

| | |
|---|---|
| Remaining in Hospitals December 31, '82 | 125 |
| Total ingress | 1,225 |
| | 1,350 |
| Total egress | 1,245 |
| Remaining in Hospitals December 31, '83 | 105 |
| Remaining in Insane Departments December 31, 1882 | 206 |
| Total ingress | 109 |
| | 315 |
| Total egress | 113 |
| Remaining in Insane Departments December 31, 1883 | 202 |

# TWENTY-FOURTH ANNUAL REPORT

OF THE

# PARK COMMISSION

TO THE

*MAYOR AND CITY COUNCIL OF BALTIMORE,*

FOR THE

FISCAL YEAR ENDING DECEMBER 31, 1883.

# The Park Commission.

FERDINAND C. LATROBE, Mayor,
*Ex-Officio Chairman.*
JOHN H. B. LATROBE,
WILLIAM E. HOOPER,
CHARLES H. MERCER,
GEORGE S. BROWN,
*Commissioners.*

# REPORT.

*To the Honorable the Mayor*
*and City Council of Baltimore:*

The Public Park Commission present respectfully their Twenty-fourth Annual Report.

During the year ending the 31st December, 1883, the very limited means at the disposal of the Commission have prevented more being done than has been necessary to keep the Parks under their charge in reasonable repair. No new work has been undertaken.

## DRUID HILL PARK.

### *The Sheep and Deer.*

These have been in the condition they were at the last report, and sales from both have, from time to time been effected, and the moneys received have been paid to the Register and credited by him to Druid Hill Park, as appears by the accounts accompanying this report. The importance of maintaining the very high reputation which the Southdown sheep of the Commission have obtained throughout the United States, has led to the importation every second or third year, of two rams from the best English stock, the last importation made last summer being from the celebrated stock of the Prince of Wales; and it may be safely said

of these late arrivals that they are not surpassed in beauty by any rams of the same character hitherto brought into the United States.

While the sale of the increase more than meets the attendant expenses, the improvment of this breed throughout the country from this source is not to be undervalued. Satisfactory reports have been received invariably from purchasers. At the late meeting of the Agricultural Society of Maryland, the Commission received the gold medal for the best pen of thoroughbred sheep, from "the Maryland Improved Live Stock Breeder's Association."

### *The Aquarium.*

In the last report, it was announced that the experiment of a marine aquarium, which was made by Professor Brooks at the expense of Mr. John W. Garrett having been altogether satisfactory, plans were being matured for the development of the system on an extended scale. These not having been yet completed, the project of a marine aquarium remains as it was at the date of the last report.

### *Fish Culture.*

At the close of the last season it had been found that Messrs. Hughlett and Delawder, the present Fish Commissioners, had used the fish culture appliances at Druid Hill Park in a very satisfactory manner. During the past year they have been in full operation; and the Commission have, on the application of the Commissioners, placed one of the ponds which had previously been used for gold fish at their disposal as a carp pond. The

hatching of Mountain trout, and the distribution of them have been successfully carried on.

### *The Zoological Garden.*

This is still in the future. The small collection of animals, the gifts, from time to time, of friends of the Park, is certainly not worthy of the name of a zoological garden that has sometimes been given to it. It has, however, insignificant as it is, served an important purpose in the amusement that it has afforded to visitors to Druid Hill Park.

In this connection, however, the Commission has to acknowledge the gift from Mr. John W. Garrett of two sea lions, caught off the coast of California. One of these died on the way from San Francisco; the other, however, was in apparent good health when Mr. Garrett's agent delivered it in Baltimore. One of the ponds at Druid Hill Park had been prepared for its reception, where the gratification that it afforded to tens of thousands of visitors during its life, here, of two months amply compensated for the expense and trouble attending the gift, and fully justified the judgment of the donor in regard to the success of a zoological garden worthy of the name could it be established.

The Commission have also to acknowledge the yet further liberality of Mr. Garrett in presenting to the Commission two male and two female camels of the S' Rossoro race, presented to him by the King of Italy, and now in perfect health and condition at Druid Hill Park. It is said by competent judges that they far exceed in size and beauty the camels that the public is

in the habit of seeing in the zoological gardens of the United States, or that are to be found in the different traveling manageries.

*Plantations.*

During the late fall the Commission have had 155 deciduous and evergreen trees planted in Druid Hill Park, resorting to the forest trees already in the Park from which to select, in preference, except in a few cases, to seeking different varieties elsewhere.

Details of the work at Druid Hill Park will be found in the report of the engineer.

PATTERSON PARK.

Patterson Park, as distinguished from "The Extension," has remained, during the year, in good condition; and although the Commission parted with regret from Mr. Frazer, who had for so many years been the superintendent, and under whom the Park and its conservatory had become what they now are, yet they are glad to say that his successor, Mr. A. Anderson, has fully maintained its reputation, and that it now is what it has long been, the most attractive feature of that part of the city. The only new work here has been the construction of a much wider gateway on Gist street, opposite Pratt street, which seemed to be needed for the convenience of visitors.

PATTERSON PARK EXTENSION.

This was referred to in the last annual report. It added about 57½ acres to the original 55 acres, so that

now Patterson Park is, or is about to be, a pleasure ground of 112 acres in extent on the east side of the city.

The surveys and condemnations referred to in the last report having been completed, the work of actual construction was commenced on the 25th of November, and will be continued as the weather permits during the winter, to be renewed, with a full force, in the spring. After deducting the cost of the surveys and verdicts of the juries of condemnation, there remains the sum of $68,655.11, which may be devoted to the improvement of the grounds.

Before "The Extension" can be completed, or, indeed, much progress made, there must be a tunnel for Harris' Creek, which passes through it from north to south, and which, whether there was a park or not, would have to be constructed at the cost of the city for the drainage of the water shed north of Baltimore street. The estimated cost between Baltimore street and Eastern avenue, or of that portion lying within the extension, is $90,000.

The total cost of the extension, agreeably to the estimate of the engineer, including so much of the tunnel for the waters of Harford Run and Harris' Creek, into which the former has been diverted, as lies between Baltimore street and Eastern avenue, is $244,596; deduct from this the amount to be paid by the city for the construction of the tunnel, $90,000, and their remains $154,596, which is to be credited with the balance on hand of the original appropriation, $68,655.11, and there remains still to be paid by the city for the completion of the

extension, $85,940. The report of the engineer in charge gives in detail the elements of his estimate, and is hereto appended.

It is proper to say, that until the tunnel is completed, the application of the balance of $68,655.11 to the grading of the eastern and western sides of "The Extension" will add but little, if anything, to the attractions of the Park, divided, as it will be, by a wide, unsightly and marshy ravine. It is the anticipation that the tunnel will be authorized and finished at an early day, which is the justification of the Commission in expending at this time the balance of the original appropriation.

| | |
|---|---|
| The verdicts in the condemnation of "The Extension" amounted to | $120,863 00 |
| Expenses of condemnation | 6,577 65 |
| Court costs | 1,099 40 |
| Engineering expenses | 2,804 84 |
| | $131,344 89 |
| Balance November 14, 1883 | 68,655 11 |
| | $200,000 00 |

## RIVERSIDE PARK.

This has been kept in admirable order during the past year, under the superintendence of Mr. Thos. Clarke, who has also had charge of Federal Hill. The appropriation made at the last session of the Council of $3,500 has not been exceeded, and will suffice until the present Council renews the appropriation.

## FEDERAL HILL PARK.

Of all the work entrusted to the Commission this has given the most trouble and has been the most costly. As mentioned in preceding reports, the treacherous character of the soil has again been a source of annoyance. It was believed at the date of the last report that the amount and character of the piling done would have obviated all further injury from slides. It turned out, however, that these still continued, and that it was necessary, by paving the adjacent level surface, to exclude entirely the percolation of the rain and snow water from reaching the masses of Potters' clay that have formed the body of the hill. This has been done; the drainage has been provided for, and the Commission have every reason to believe that the northern and eastern slopes will remain firm hereafter. The report of the engineer in charge of this particular work is hereto appended. The amount required to finish the Park is $7,684, the details of which are given in the engineer's report.

Reference has been made in previous reports to the importance of a shelter on Federal Hill—until, at all events, the plantation there would afford a suitable shade. Nor does the importance of such a shelter grow less as the popularity of this park increases the number of its visitors. In their last report the Commission presented a plan of a suitable structure, including an observatory, to take the place of the very poor affair which, never graceful, is, now that the park has been improved, a most unsightly incumbrance. The failure of the Councils to make provision for the new building left the Commission no alternative save

to give notice to its proprietors to remove the old one by the 1st of January, when they were applied to by numerous merchants, to whom the observatory was a convenience, to permit it to remain; and, fully appreciating their reasons, the Commission extended the time to the 1st of July next, in the hope that, in the meantime, an arrangement might be made which would make the expense of maintaining an observatory on the Hill fall in some degree on those especially interested. The Commission, however, still adhere to their plan of constructing a shelter and an observatory in the same building, even though the whole cost should fall on the city, whose commercial interests would seem to justify the expenditure.

Were the tracks of the City Passenger Railway to be extended for two squares eastwardly on Montgomery street, Federal Hill Park would be even more accessible than Druid Hill Park, and quite as much so as Patterson Park now is.

JOHNSON SQUARE.

This was the last work placed by the Councils in charge of the Commission, and to complete it with a shelter and fountains would require, as shown by the detailed report of the engineer in charge, $12,777. Deducting the paving of the surrounding streets, the shelter and fountains, which might be postponed for a year, and the cost would be reduced to $8,277—say $8,500, which would allow for the planting of the square.

FINANCES.

In their last annual report the Commission spoke of their finances being in a satisfactory condition; and ex-

pressed the opinion that with the new roads that had then recently gone into operation, and in the expectation that the future would show an increase of receipts from the railways, the Commission would not only be able to meet the increased charges consequent upon the Patterson Park Extension, but would be able to do more than merely keep the several Parks in proper order. The experience of the past year has not altogether corresponded with this expectation. The failure of several of the railway companies to comply with their respective obligations has more than once placed the Commission without the means to meet the interest on the Park bonds, the pay roll and the bills that must inevitably be incurred in carrying on Druid Hill and Patterson Parks. At this time, January 7th, 1884, there is due to the Commission the following amounts, estimating the respective indebtedness by the average of past payments, or from actual information:

| | |
|---|---|
| 1 month from City Passenger Railway..... | $4,603 67 |
| 1 quarter from Citizens'..... | 2,758 00 |
| 1 " " North Baltimore..... | 2,800 00 |
| Central Railway from last spring..... | 4,744 47 |
| 1 quarter from Union Railway..... | 810 73 |
| 1 " York Road..... | 300 00 |
| | $16,016 87* |

Were these sums paid, there would be a balance in favor of the Commission, after paying the interest on the Park bonds, the pay rolls and outstanding bills.

In order that your honorable body may know the cost of maintaining the above Parks, the Commission

* Some of the above will doubtless be paid without unnecessary delay. Others are not, perhaps, to be immediately relied on.

have had prepared with care the statement marked A accompanying this report, from which it appears that the average outlay for Druid Hill Park, averaging the years 1879, 1880, 1881, 1882 and 1883, was $39,105, and for Patterson Park for the same years, $10,020, in all $49,125. The average income from the railways for 1879, 1880, 1881 and 1882 was $90,773.89, from which deducting the interest on the original bonds, $33,333.76, and the Patterson Park Extension bonds, $8,000, in all $41,333.76, and there remains $49,446.13, which is but $315.13 more than would be required to pay the interest on the Park bonds, pay-rolls and current bills, were the passenger railways to pay punctually their respective dues to the city.

It is proper for the Commission to say that the averages here referred to certainly do not furnish reason to believe that the income from the passenger railways can be relied on to meet any further charges for interest.

By order,

D. Rayhice, *Secretary.*

# REPORT

— OF THE —

# GENERAL SUPERINTENDENT.

---

ENGINEER AND GENERAL SUPERINTENDENT'S OFFICE,
DRUID HILL PARK, December 31, 1883.

*To the Commissioners of the*
*Public Parks of Baltimore:*

GENTLEMEN:

The following annual report of your Engineer and General Superintendent is respectfully submitted:

## I.—DRUID HILL PARK.

Very little new work has been done during the year in this park, and but a small force has been engaged in keeping the place in general repair. The following is a brief synopsis of the most important items of work:

The Mansion House, skating-house and gate-houses were repainted.

The Eutaw street entrance was graveled and guttered, 3,800 loads in all having been used. Swann avenue was gravelled, 4,760 loads having been used.

The iron fence at Mount Royal was completed.

A temporary enclosure of about one hundred feet in diameter was erected of wood, for the better keeping of the camels.

There was special attention paid to the arboricultural department, as is shown by the list of trees, &c., planted herein. Under the care of Mr. Hamilton, the curve in the arbor vitæ bridge at Mount Royal was completed. In the spring there were planted thirty evergreens—Norway spruce and silver fir. The island in the Boat Lake was improved by the setting out of magnolias and shrubbery. Constant supervision has been had, and wherever trees have died they have been promptly replaced by new stock.

The following is a general list of trees set out, viz: Six oak, ten beech, eight tulip poplar, five dogwood and ten Western ash-leaved dogwood, nine English maple, eighteen Norway, fourteen sugar and four silver maple, fifteen American linden, eight arbor vitæ, eight salisbrina adiantifolia, thirty-four of shrubbery in eight varieties, some of the above varieties being the finest ever planted in the park.

Two new drinking fountains were erected, respectively located at the Mount Royal entrance and at the foot of the dam of Druid Lake, below the tower.

No less credit than has been accorded in former years is due to Captain Cassell for the efficiency of his services and value of his co-operation during this year.

## II.—PATTERSON PARK.

During the year 1883, notwithstanding the fact that no appropriation had been made for the improvement

of the park, yet, by a careful, judicious and economical utilization of the means at the disposal of the Commission, many desirable improvements of a permanent character were made, among which may be mentioned the following:

Sugar maples were planted and enclosed with painted wooden boxes on Patterson Park avenue the entire length of the park, and also two hundred feet from said avenue on both Baltimore street and Eastern avenue, which are in a thriving condition, and add greatly to the surroundings of the park.

The planting of trees, shrubs and evergreens in different portions of the park was extensively carried on.

A flight of artificial stone steps was erected at the Burke street entrance. A new walk became necessary to connect these steps with a system of walks south of the Conservatory, which was constructed ten feet wide and three hundred feet long. The slopes on either side of the steps were graded and sodded to correspond with the improvements in that locality.

The walk leading from the Pratt street entrance to the West Drive was reconstructed and surfaced with concrete pavement.

Brick gutters were laid on both sides of the new walk leading from Baltimore street entrance to the North Drive.

A large portion of the East Drive was greatly improved by laying a gutter on the west side, which prevented the water from the slopes and ravines washing out that part of the drive, and drains were constructed to carry the water to the lake.

All the walks and drives were regraveled and repaired wherever necessary, and the drains throughout the park generally overhauled and looked after.

The grade around the double pumps was raised and paved with new bricks, to correspond with the grade of the walks leading from the refreshment saloon, and to prevent the water from gathering in a pool in the pump pavilion, as heretofore.

The staging in the propagating house, which is filled with a large variety of bedding plants, was entirely renewed, and that in the conservatory, having become very much decayed, was renewed and repaired as found necessary, and is now filled with a large and valuable collection of rare and beautiful plants.

The summer house was enlarged in size about one-third, to accommodate and make room for the collection of camelias and azaleas presented to the park by Mr. Edwin Kurtz.

The stable, carriage house and tool house had new gutters and spouting placed on them, and the framework of those buildings, together with the tin roofs on the bird house and shed, in rear of propagating house, flag-pole on the battery, porch of the superintendent's house, velocipede boat, model of lumber exchange building, which is placed on the island in the lake, ladies' retiring room, and all the railings in the park, were painted.

The old valve at the fountain having become useless, was replaced with a new one.

Thirteen tons of hay were cut and cured in the park for the use of the horses, and about two hundred loads of manure were used in top-dressing.

Superintendent Anderson supervised the affairs of the park during the year in a highly efficient and creditable manner.

### III.—RIVERSIDE PARK.

Nothing new has been done here, but the park has been kept in good repair and condition. The main pavilion and park benches have been painted.

The grass plats have been treated to a top-dressing of bone-dust to the amount of 235 pounds to the acre.

Fifty trees and shrubs from the park nursery were set out in the spring.

Very respectfully,

AUGUST FAUL.

*Receipts and Expenditures of Druid Hill Park, year ending December* 31, 1883.

| | Dr. | Cr. |
|---|---|---|
| To Interest | $28,347 20 | |
| " Animals and keeping | 658 41 | |
| " Pay roll | 20,826 46 | |
| " Maintenance | 19,486 00 | |
| By City Passenger Railway Company, four-fifths of receipts. | | $47,325 96 |
| " Citizens' Railway Company, four-fifths of receipts | | 11,583 16 |
| " York Road Railway Company, four-fifths of receipts. | | 962 90 |
| " North Baltimore Railway Company, four-fifth of receipts | | 9,336 88 |
| " Baltimore Union Passenger Railway Co., four-fifths of receipts | | 2,680 06 |
| " Sale of sheep, etc | | 1,822 91 |
| " Rent of Mansion House | | 1,155 00 |
| " Boating | | 100 00 |
| " Fines | | 5 00 |
| | $69,318 07 | $74,971 87 |

*Receipts and Expenditures of Patterson Park, year ending December* 31, 1883.

| | Dr. | Cr. |
|---|---|---|
| To Interest | $7,086 76 | |
| " Pay Roll | 6,469 48 | |
| " Maintenance | 3,764 10 | |
| By City Passenger Railway Company, one-fifth of receipts | | $11,831 47 |
| " Citizens' Railway Company, one-fifth of receipts | | 2,895 78 |
| " York Road Railway Company, one-fifth of receipts | | 240 72 |
| " North Baltimore Railway Company, one-fifth of receipts | | 2,334 20 |
| " Baltimore Union Passenger Railway Company, one-fifth of receipts | | 670 01 |
| " Rent of refreshment saloon | | 175 00 |
| " Fines | | 30 00 |
| | $17,320 34 | $18,177 18 |

*Balance Sheet Druid Hill and Patterson Parks, year ending December* 31, 1883.

| | Dr. | Cr. |
|---|---|---|
| To interest | $35,433 96 | |
| " pay-rolls and maintenance | 51,204 47 | |
| By balance due Park Board December 1st, 1882 | | $ 605 10 |
| " receipts from City Passenger Railway Company, less for sinking fund | | 59,157 43 |
| " receipts from Citizens' Railway Company, less for sinking fund | | 14,478 94 |
| " receipts from North Baltimore Railway Company, less for sinking fund | | 11,671 08 |
| " receipts from York Road Railway Company, less for sinking fund | | 1,203 62 |
| " receipts from Union Passenger Railway Company, less for sinking fund | | 3,350 07 |
| " rent of Mansion House, refreshment saloon, sale of sheep, fines, etc | | 3,287 91 |
| | $86,638 43 | |
| Balance due Park Board | 7,115 72 | |
| | $93,754 15 | $93,754 15 |

*Expenditures of Patterson Park Extension, Ending December 31st, 1883.*

| | | |
|---|---|---|
| Cost of | Land | $121,004 11 |
| Cost of | Condemnation and Court charges. | 7,708 28 |
| " | Engineering | 3,100 43 |
| " | Stationery | 9 00 |
| " | Tools and Implements | 4 80 |
| " | Pay-roll and Improvements | 2,261 39 |
| | | $134,088 01 |

*Expenditures of Riverside Park, Year Ending December 31st,* 1883.

| | Dr. | Cr. |
|---|---|---|
| To Pay-roll and Improvements.. | $3,372 02 | |
| By Appropriation..... | | $3,500 00 |
| " Sale of old Iron..... | | 56 95 |
| Balance due Park..... | 184 93 | |
| | $3,556 95 | $3,556 95 |

*Expenditures of Federal Hill Park, Year Ending December 31st, 1883.*

| | Dr. | Cr. |
|---|---|---|
| To Driving Piles | $2,465 03 | |
| " Trees and Shrubs | 103 80 | |
| " Pay-roll and Improvements.. | 6,429 33 | |
| | $8,998 16 | |
| By Appropriation | | $9,000 00 |
| Balance due Park | 1 84 | |
| | $9,000 00 | $9,000 00 |

*Expenditures of Johnston Square, Year Ending December 31st, 1883.*

| | Dr. | Cr. |
|---|---|---|
| To Retaining Wall | $1,386 23 | |
| " Trees | 27 75 | |
| " Pay-roll and Improvements.. | 3,587 64 | |
| | $5,001 62 | |
| By Appropriation | | $5,101 15 |
| Balance due Park | 99 53 | |
| | $5,101 15 | $5,101 15 |

## COMPARATIVE STATEMENT

| Receipts. | 1881. | 1882. | 1883. |
|---|---|---|---|
| Receipts from City Passenger Railway Company, ending 31st of December, less sinking fund..... | $68,614 86 | $61,899 94 | $59,157 43 |
| Receipts of Citizens' Railway Co., less sinking fund.. | 11,943 52 | 14,749 07 | 14,478 94 |
| Receipts of North Balto. Railway Co., less sinking fund. | 3,971 62 | 15,725 52 | 11,671 08 |
| Receipts of York Road Railway Co., less sinking fund. | 1,800 81 | 1,621 96 | 1,203 62 |
| Receipts of People's Railway Co., less sinking fund... | 4,161 24 | ..... | ..... |
| Receipts of Baltimore Union Passenger Railway Co., less sinking fund... ..... | ..... | ..... | 3,350 07 |
| | $90,492 05 | $93,996 49 | $89,861 14 |
| Deduct interest on park stock, as per Register's account. | 33,333 96 | 33,333 96 | 35,433 96 |
| Remaining for park purposes.... ..... | $57,158 09 | $60,662 53 | $54,427 18 |
| Of which one-fifth goes to Patterson Park..... | 11,431 61 | 12,132 50 | 10,885 43 |
| And balance to Druid Hill Park..... | $45,726 48 | $48,530 03 | $43,541 75 |

| | | | |
|---|---|---|---|
| *Add resources peculiar to Druid Hill Park:* | | | |
| Rent of Mansion House | $ 800 00 | $ 600 00 | $1,155 00 |
| Sale of sheep, wood, etc. | 1,815 57 | 1,807 93 | 1,822 91 |
| Fines | ..... | 40 00 | 5 00 |
| Boating | 200 00 | 200 00 | 100 00 |
| *Add resources Peculiar to Patterson Park:* | $48,542 05 | $51,177 96 | $46,624 66 |
| Rent of saloon, fines, etc | 275 00 | 226 00 | 205 00 |
| Patterson Park, one-fifth of general revenue | 11,431 61 | 12,132 50 | 10,885 43 |
| Total applicable to both parks | $60,248 66 | $63,536 46 | $57,715 09 |

EXPENDITURES.

| | | | |
|---|---|---|---|
| Labor and materials to December 31, Druid Hill Park. | $54,986 87 | $52,479 43 | $40,970 87 |
| " " " " " 31, Patterson " . | 12,170 69 | 12,787 91 | 10,233 58 |

## A.

Estimated cost of maintaining Druid Hill and Patterson Parks. Labor and Material.

[Made up from an average of the years 1879, 1880, 1881, 1882, 1883.]

| Druid Hill Park. | | Patterson Park. | |
|---|---|---|---|
| Pay roll | $21,455 | Pay roll | $6,300 |
| Horses and keeping | 1,800 | Horses and keeping | 425 |
| Carpentry jobbing | 1,500 | Paints, oils, etc | 250 |
| Paints, oils, etc | 750 | Coal | 175 |
| Harness and repairing | 500 | Plumbing, etc | 150 |
| Animals and keeping | 750 | Hardware | 80 |
| Plumbing, etc | 650 | Gas | 175 |
| Drain pipes | 500 | Manure | 275 |
| Wagons, carts, etc | 750 | Lumber | 325 |
| Implements and repairing | 375 | Carts, harness, etc | 365 |
| Paving gutters, etc | 850 | Sundry expenses | 1,500 |
| Bricks, gutter stone, etc | 2,500 | | $10,020 |
| Coal | 225 | | |
| Lumber | 850 | | |
| Manure | 450 | | |
| Cement | 200 | | |
| Sundry expenses | 5,000 | | |
| | $39,105 | | |
| Patterson Park | 10,020 | | |
| Both Parks | $49,125 | | |

# LIST OF EMPLOYES.

DRUID HILL PARK, December 31st, 1883.

*To the Honorable the*
*Public Park Commissioners:*

GENTLEMEN:

The following are the names of the employees of Druid Hill, Patterson and Riverside Parks, with their occupation and compensation:

| | | |
|---|---|---|
| August Faul, Engineer and General Superintendent | $ 750 00 | per annum. |
| Wm. H. Cassell, Superintendent of Park Police | 1,200 00 | " " |
| D. Rayhice, Secretary and Treasurer | 1,200 00 | " " |
| Otto Lugger, Naturalist | 400 00 | " " |
| Wm. D. Hamilton, Gardener | 10 00 | per week. |
| J. B. Dalton, Gatekeeper, main entrance | 1 25 | per day. |
| Wm. Chamberlain, Gatekeeper at night, main entrance | 1 25 | " " |
| John Donnelly, Gatekeeper, railway entrance | 1 25 | " " |

| | | |
|---|---|---|
| John Murphy, Gatekeeper, Mt. Royal entrance | $1 25 | per day. |
| Richard Wood, Gatekeeper, Reisterstown road entrance | 1 25 | " " |
| Henry Freyer, Gatekeeper, northeastern entrance | 1 25 | " " |
| J. M. Hooper, Gatekeeper, Woodberry entrance | 1 25 | " " |
| Albert Fisher, Gatekeeper at night, Woodberry entrance | 1 25 | " " |
| Frank Walter, Watchman | 10 00 | per week. |
| Henry Christler, in charge of animals | 10 00 | " " |
| George O. Bryan, Stableman | 10 00 | " " |
| George Fossil, Shepherd | 10 00 | " " |
| John Kentner, Assistant | 8 00 | " " |
| M. Almony, Carpenter | 1 75 | per day. |
| Henry Cassell, Painter | 1 75 | " " |
| Five Drivers | 1 50 | " " |
| Laborers employed during the year averaged ten | 1 50 | " " |

PATTERSON PARK.

| | | |
|---|---|---|
| Archibald Anderson, Superintendent | $800 00 | per annum. |
| Selar Barton, Gatekeeper | 8 00 | per week. |
| James Fairley, Watchman | 1 50 | per night. |
| Two Drivers | 1 50 | per day. |
| Laborers employed during the year averaged eight | 1 50 | " " |

RIVERSIDE PARK.

| | | |
|---|---|---|
| Thomas Clark, Superintendent... | $15 00 | per week. |
| John M. Gonigle..... | 12 00 | " " |
| Laborers employed during the season averaged three..... | 1 50 | " " |

D. RAYHICE,

*Secretary and Treasurer.*

# REPORT

— OF THE —

# *ENGINEER IN CHARGE.*

# REPORT.

BALTIMORE, January 1, 1884.

*To the Park Board of Baltimore City:*

GENTLEMEN:

Having been placed by you as Engineer in special charge of Johnston Square, Federal Hill Park and Patterson Park Extension, I beg leave to submit my report on the same for the past year.

## JOHNSTON SQUARE.

Work on this square, was, as you know, practically suspended on or about August 25th for want of funds, with the exception of the support wall, which was finished as far as ordered on September 15th. On September 3d I had Mr. Jones sow the top of the square with grass seed. On September 26th work was entirely closed for the winter and a watchman put in charge, whose duties are to keep the young grass weeded, stop up all washes as soon as they occur, and to see to the general welfare of the Park, which is very necessary in its unfinished condition. The grass has come up very well, except in a few spots, which can be resown in the spring. The cost of finishing up this Park completely will be as follows:

| | |
|---|---|
| Grading 1,200 cu. yds., 40 cents per yard | $ 480 00 |
| Sodding 4,500 sq. yds., " " | 1,800 00 |
| Finishing support walls, 954 lineal feet, $3.49 per foot | 3,329 46 |
| Gravelling terraces and walks, 6 ft. thick, 8 ft. wide, 400 yds., 75 cents per yard | 300 00 |
| Guttering 3,040 lineal feet, 15 per foot | 456 00 |
| Drain pipes and wells | 200 00 |
| Paving side walks, 1,950 sq. yds., $1.00 per yard | 1,950 00 |
| Putting in four mist fountains | 600 00 |
| Octagonal shelter in centre | 2,000 00 |
| Four flights wooden steps | 500 00 |
| Total | $11,615 46 |
| Engineering, planting and contingencies, 10 per cent | 1,161 54 |
| Grand total | $12,777 00 |
| Dispensing with shelter and fountains | 2,600 00 |
| There would be needed | $10,177 00 |
| Add unpaid bills for 1883 | 73 42 |
| | $10,250 42 |

The paving of the sidewalks, which has never been done, is, as will be seen, a large item, and yet one which cannot well be dispensed with.

## FEDERAL HILL PARK.

On November 24th the work on this park was closed for the winter and all hands discharged, except one

man, who was kept to look after the slopes, clean the footways of snow, and the gutters and drain pipes of ice, also to see that no washes occur on the unsodded slopes.

The amount of work done during the past year is very considerable, and has been rapidly, faithfully and economically done. The condition of the Hill is improved in every way, as is evidenced by its appearance, but as a great deal of the work is underground its full extent is not visible. I have had indicated on the map the position of every pile driven and drain-pipe laid. With the piling and drainage now executed, I have every reason to believe that the Hill will remain stable permanently. It is probable there will be local settlements from time to time, as all of the caverns may not be closed up, but nothing serious. This winter will test the work.

For finishing up this Park, there will be required,

| | | |
|---|---|---|
| For soiling and sodding eastern face, 4,758 yards, 40 cents per yard | $1,903 | 20 |
| " paving with asphalt blocks, 1,200 yards, $1.00 per yard | 1,200 | 00 |
| " gravelling roads, 740 loads, 75 cents per load | 555 | 00 |
| " guttering 1,796 lineal feet, 30 cents per foot | 538 | 80 |
| " wooden steps at east side, to first terrace, 8 feet wide | 350 | 00 |
| " steps at corner of Warren and Johnston | 50 | 00 |
| " Bedding, planting trees and shrubbery, and regulating top of Hill when the Observatory is removed | 500 | 00 |
| Total | $5,097 | 00 |

| | |
|---|---|
| Amount brought forward | $5,097 00 |
| Add engineering and contingencies, 10 per cent. | 509 70 |
| | $5,606 70 |
| Unpaid bills to date | 1,793 02 |
| Loan from Alex. Brown & Sons, to meet pay rolls needed to close up this winter | 500 00 |
| Grand total | $2,293 02 |

In connection with this park, I would recommend that an ordinance be asked for this winter defining some plan for a junction between Warren street and Covington street. This can only be done by terracing, and I have had a profile made indicating what strikes me as the most feasible plan. This should be executed by the joint action of the property owners, the city and the Park Board. The share of expense to be borne by the Park Board would be about $1,500, which is in addition to the above summary of cost.

## PATTERSON PARK EXTENSION.

The land damages having been finally settled, and all preliminary surveys made, orders were issued by your Honorable Board at their meeting held on November 14, 1883, that work should be at once begun.

The next day, November 15th, J. W. Jones, foreman, was put to work with eleven (11) men and four (4) carts, and on Tuesday, November 27th, Jeremiah Fox, foreman of gang No. 2, was put to work with twelve (12) men and four (4) carts.

At this date, January 1, 1884, Jones' gang has been increased to twenty-six (26) men and ten (10) carts, and Fox's gang to thirty (30) men and six (6) carts, making the total force employed fifty-six (56) men and sixteen (16) carts.

Gang No. 1 is employed in cutting through the old railroad embankment, the material from which is deposited on the marshy flat in the southeastern corner of the Extension.

Gang No. 2 first stripped all the good soil from the surface in the northwestern corner of the Extension, which has been piled up for future use, and is now engaged in grading down the high points, filling the ravines, and forming the esplanade which is to overlook the lake and valley. The amount of work done thus far, considering the weather, is very satisfactory, and both foremen have proved themselves worthy of confidence. The rules are, to require a good day's work from every man and horse employed, and also to require that the men should not absent themselves from the work without cause. Under this regimen the worthless ones have discharged themselves, and the work now goes on very smoothly, and on business principles. I have had two shelters put up for the men to eat in in cold and stormy weather. The outlay for the two was but $90.00, which is well invested, and adds very much to the comfort of those employed.

I have permitted the continuous deposit of shells and cinders in those places where they can do no damage and where they will be covered with at least six feet of good earth in surfacing the park.

Gang No. 1 has very nearly, at this date, cut through the railroad embankment. As soon as the excavation is complete we will canal, so as to straighten the stream, and do away with the present inadequate culvert.

As has been before stated, the Extension cannot be made available as a park to any considerable extent until the sewer for Harris' Creek and Oseir's Run is built, so as to admit of the grading. This sewer should be built as soon as the proper legislation can be obtained and the ordinance passed. In the meantime, we can only push the grading in detached places. This brings up the subject of the proposed lake. The object of this lake is two-fold. It will save a heavy amount of filling, and present the most attractive feature that could possibly be developed in the Extension; the valley seems intended for it, and its winding shores can be made very beautiful. As the possible consumption of city water by this lake seems to have caused considerable alarm in the Water Board, it will not be out of place here to give some figures as to the probable consumption. The lake as now designed has a surface of nineteen acres, and an average depth of fifteen (15) feet. The lake, when full, will contain 86,121,279 gallons of water. Having once been filled with this amount it would be subject to three (3) sources of waste—evaporation, infiltration and waste proper, which necessarily flows over the outlet weir to help keep the body of water fresh. The amount of loss by evaporation, averaging the year round, would be about $\frac{15}{100}$ of an inch per diem; infiltration would be, say $\frac{35}{100}$, or together they would make a loss of say $\frac{1}{2}$ an inch in

depth per diem. One-half an inch per acre is 13,578 gallons, which on 19 acres would be 57,982 gallons per diem. Allowing as much more to run over the waste weir would make 515,964 gallons per diem—not such a great draught upon our water supply. Again, by reducing the lake to 12⅔ acres, which can readily be done, we would need but about ⅔ of the above, or 343,976 gallons. Again, the waste weir need not run all the time, and the use of water be thus much reduced. I have given these figures to show the actual state of the case and the uselessness of alarm about it on the score of waste of water.

It must be remembered that a great deal of surface water from the one hundred acres of park surface will be mainly led into it, so that really I do not think we would require an average of more than 250,000 gallons per diem, with a lake of 12 acres of surface. As to its influence upon the health of the vicinity, I cannot believe it will be anything but beneficial, especially when compared with the present condition of the valley. We now have within the park limits probably twenty-five to thirty acres of wet, marshy bottom, charged with decaying vegetation; we will then have 12 acres of pure water surface, averaging seventeen (17) feet deep, with the dirty waters of Harris' Creek and Osier's Run carried under the lake through the sewer. This great change must benefit the health of the locality, although the sewer must be built from Monument street to tidewater, and the entire low ground filled in before a complete change for the better can take place.

My estimate of the cost of completing the extension is restated below from my report of September 10,

1883, based upon the construction of a lake of nineteen (19) acres. Taking the total embankment, which exceeds the cutting, and is therefore the measure of the earth to be handled at an average haul of 500 feet, we have,

| | |
|---|---|
| 371,774 cubic yards, 25 cents per yard..... | $92,943 00 |
| Cost of sewer, with waste weir for lake.... | 90,000 00 |
| Outlet tower pipes, valves, &c..... | 3,000 00 |
| Two 8-inch outlet pipes and valves..... | 2,000 00 |
| Two 6-inch pipes to fountains..... | 2,000 00 |
| Revetting slopes of lake..... | 3,750 00 |
| Clearing up vegetation, &c..... | 1,000 00 |
| | $194,693 00 |

Surface work:

| | |
|---|---|
| Roads, paths, &c..... | $10,000 00 |
| Fencing and utilizing present eastern fence. | 3,000 00 |
| Planting, sodding, &c..... | 5,000 00 |
| | $212,693 00 |
| Add for contingencies 15 per cent..... | 31,903 00 |
| Total..... | $244,596 00 |

The reduction of the lake to an area of twelve (12) acres would probably increase the cost by $10,000.00.

## PATTERSON PARK.

Having been called upon during the year to design and erect the flight of concrete steps at the Eastern avenue gate, I have to say that the work was well executed by Mr. Garrell, the contractor, in accordance

with the specifications, and seems now to be in very good condition, as one trouble connected with this kind of work arises from imperfect drainage of its foundations. The steps themselves were built upon a bed of broken stone and gravel, which is held in place between the side walls, which have deep foundations.

The new entrance gate on Pratt street, which was also put in my hands, is well under way, and will be ready to go up just as soon as the weather will permit us to build the masonry, which will probably not be now until spring.

Respectfully submitted,

C. H. LATROBE, *Engineer in Charge.*

## Live Stock, Animals, Birds, Etc., Druid Hill Park.

---

3 Mules.
4 Horses.
102 Ewes.
4 Bucks.
1 Prussian Sheep.
2 Bears.
10 Guinea Pigs.
2 Wild Cats.
2 Owls.
2 Chinese Geese.
4 Irish Hares.
5 English Rabbits.
2 Silver Foxes.
3 Prairie Dogs.
1 Prairie Wolf.
3 Brazilian Rats.
11 Monkeys.
2 Rattlesnakes.
1 English Pheasant.
1 Ostrich.
6 Pea Fowls.
3 Bald Eagles.
1 Toucan.
80 Assorted Birds.
2 Egyptian Hawks.
9 California Quails.
8 Doves.
2 Raccoons.

4 Wild Geese.
2 White Ferrets.
2 Swans.
1 Ground Hog.
About 250 Deer.

## Live Stock, Etc., Patterson Park.

3 Horses.
2 Monkeys.
9 Chinese Geese.
5 Wild Geese.
1 Egyptian Goose.
4 Pea Fowls.
5 Macaws.
1 Cockatoo.
12 Canary Birds.
1 White Duck.

# ANNUAL REPORT

OF THE

# HEALTH DEPARTMENT

OF THE

## CITY OF BALTIMORE

TO THE

## *Mayor and City Council of Baltimore,*

*FOR THE FISCAL YEAR ENDING DECEMBER 31, 1883.*

# OFFICERS AND EMPLOYEES

— OF THE —

# HEALTH DEPARTMENT

— OF THE —

## CITY AND PORT OF BALTIMORE,

FOR THE YEAR 1883.

---

GEORGE W. BENSON, M.D.,
*Commissioner of Health and Registrar.*

JAMES F. McSHANE, M.D.,
*Assistant Commissioner of Health.*

JAMES McHENRY HOWARD, M.D.,
(Resigned Nov. 1, 1883.)

SIDNEY O. HEISKELL, M.D.,
*Resident Physician at the Quarantine Hospital of the Port of Baltimore.*

A. ROBERT CARTER, *Secretary.*

GEORGE C. VANSANT, *Index Clerk and Assistant.*

V. BURGESS HINES, *Nuisance Clerk.*

B. M. BENSON, *Permit Clerk.*

GEORGE R. CRAGG, *Clerk to Registrar.*

MONTGOMERY LAWRENCE,
*Assistant Permit and Assistant Resistrar Clerk.*

EMANUEL WEINMAN,
*Collector of Vital Statistics.*

*Sanitary Inspectors:*

GEORGE E. BROWN, JOSEPH V. FITZPATRICK,
JOHN E. DURDING, HENRY McKEWEN,
SAMUEL A. CLAGETT, WALTER C. ROBERTS.

E. J. HENKLE, M.D.,
*Medical Sanitary Inspector and Superintendent of Vaccination.*

*Inspectors of Sewers:*

HENRY PAFF, *Eastern Dist.* JOHN MEAGHER, *Western Dist.*

*Superintendents of Public Cemeteries:*

GEORGE RINEHART, *Eastern.* F. A. KERCHNER, *Western.*

JOHN W. LEE, *Acting Superintendent of Plumbing.*

# VACCINE PHYSICIANS.

*First and Second Wards:*

N. L. DASHIELL, Jr., M.D., 207 South Broadway.

*Third and Fourth Wards:*

J. E. GORSUCH, M.D., Fayette and Aisquith Streets.

*Fifth and Sixth Wards:*

J. FUSSELL MARTINET, M.D., Gay and Washington Streets.

*Seventh and Eighth Wards:*

SILAS W. HUNTER, M.D., 36 Greenmount Avenue.

*Ninth and Tenth Wards:*

DE LA H. BARCLAY, M.D., Sharp and Conway Streets.

*Eleventh and Twelfth Wards:*

W. F. LOCKWOOD, M.D., Madison Street and Park Avenue.

*Thirteenth and Fourteenth Wards:*

B. F. PHILLIPS, M.D., 311 W. Lombard Street.

*Fifteenth and Sixteenth Wards:*

E. MICHEAU, M.D, 158 S. Sharp Street.

*Seventeenth and Eighteenth Wards:*

W. A. JONES M.D., 326 Hollins Street.

*Nineteenth and Twentieth Wards:*

H. J. HOUCK, M.D., Presstman and Carey Streets.

# REPORT

OF THE

# COMMISSIONER OF HEALTH.

# REPORT.

HEALTH DEPARTMENT—CITY HALL,
BALTIMORE, January 1, 1884.

*To the Honorable the Mayor*
*and City Council of Baltimore:*

GENTLEMEN:

In discharge of my duties as the Commissioner of Health, I have the honor to respectfully submit the following report of the management of the Health Department for the year ending December 31st, 1883:

"He that tempers the wind to the shorn lamb" has continued to smile most benignly upon this corporation and its citizens. While grim pestilence has invaded our country, covering our sister cities as well as our own, with its blighting wings, and though we were the last to be polluted, yet, by indomitable energy and faith in the right, we have come out first, bright as the noonday's sun. Science has triumphed and ignorance has been rebuked.

In consideration of the many blessings that have been vouchsafed us, it becomes us, as a grateful people, to publicly acknowledge the loving kindness of the "all-wise Creator."

Supplementary to my report of January 1st, 1883, upon the subject of small-pox, I am enabled to advise you that, with the consent of his Honor, William Pinkney Whyte, then Mayor, I appointed 103 extra vaccine physicians. One of them, Dr. I. E. Atkinson, was detailed as Superintendent of Vaccination. The purest and best animal virus was procured, and this large force was massed in those localities where the disease prevailed to the greatest extent, visiting every house consecutively, baring every arm, and vaccinating and re-vaccinating every one, old and young, that did not present unmistakable evidence of recent, thorough and protective vaccination. Enlightened science penetrated into the strongholds of the pestilence, and the loathsome deaths therefrom speedily decreased, and by March 1st there were only 184 cases, against 600 on January 1st. I therefore dispensed with the services of about two-thirds of the extra vaccine force, retaining a few to complete the good work nearly done.

The conflict was heroic and decisive. I was embarrassed by many outside of the Department, and by a few inside, who did not give me their entire support.

The vaccine physicians, sanitary inspectors and every employe of this Department all merit the highest commendation from the authorities and citizens of this corporation for the indefatigable manner in which they performed their respective duties.

By May 1st there were but few cases reported, and it became necessary to put the city in the best sanitary condition possible. At my request, the Marshal of Police instructed his officers to make a house to house

inspection, examining each house from cellar to attic, privy, yard and alley, which was quickly done, and, where it was necessary, a notice was issued to abate nuisances, and attention was given by this Department that such orders were obeyed at once.

In the first week of July the last house was disinfected and cleaned, the infected articles therein destroyed, and new ones furnished in their place. This ended the epidemic of small-pox, for there has not been one case reported in this city since.

This department has made 217,050 vaccinations this year, using 135,200 "points" of the New England Vaccine Company, of Chelsea, Mass.; 81,600 "half quills" of National Virus Company, of Washington, D. C., and 250 "points" of Foster Virus, New York, which, added to the work done last year, makes, in the aggregate, over 300,000 people served at the public expense. If this work is pursued systematically, with a physician for each ward, there should never be any number of cases of small-pox in this city.

Experience has conclusively shown that epidemics of small-pox are the consequences of neglected vaccination, and it is the bounden duty of the authorities, national, State and municipal, to enact such laws and appropriate sufficient money as to ensure annual, general and successful vaccination. Epidemics of small-pox are always expensive, not only in outlay, but in the paralysis of commercial interests during their existence, and this one we have passed through has not been an exception. The outlay for salaries of extra vaccine physicians, procuring virus, burying the dead, disinfecting and cleaning houses, transporting the

infected to the Pest Hospital, establishing cordons around those who would not be removed, furnishing them with supplies, destroying infected goods, purchasing horses, wagons and disinfectants for Sanitary Inspectors, their salaries, restoring beds and bedding in lieu of those destroyed, is clearly exhibited by Table No. 17, prepared by the very able and efficient Secretary of this Department.

"Prevention is better than cure," I, therefore, again suggest that an ordinance be enacted to appoint a vaccine physician for each ward, to constitute the permanent vaccine force of this city, with authority given to the Commissioner of Health, at any time he may deem it necessary, and with the consent of the Mayor, to appoint as many extra ones as the emergency may demand, with sufficient remuneration to compensate for, and demand of them the fulfillment of their entire duty; also, with power to detail any or all of them in any ward or wards that may need immediate attention.

The disappearance of small-pox was followed by rumors of yellow fever from the Southern Coast, and cholera from the East, and, much to our discomfiture, in the latter part of July yellow fever was exhaling its death-laden breath at the mouth of the Chesapeake Bay.

The national authorities, through the Marine Hospital Service, called a conference at Fortress Monroe, Va., of all the local Boards of Health concerned, the Commissioner of Health of Baltimore City being among the number. The following report, made to the former Mayor, will explain itself:

"HEALTH DEPARTMENT—CITY HALL,
"BALTIMORE, July 30, 1883.

"*Hon. Wm. P. Whyte, Mayor of Baltimore City*:

"SIR:

"I have the honor to report that, by invitation from Surgeon-General Hamilton, of the United States Marine Hospital Service, and with your approval, I proceeded to Fortress Monroe, Va., on the evening of the 28th inst., to attend a conference to be held there at 2 o'clock P.M., on the 29th inst.

"Invitations had been extended to representatives of the Boards of Health from the cities of Washington, Baltimore, Richmond, Petersburg, Norfolk and Portsmouth, and from Newport News; also to delegates from the Pilots' Associations of Virginia and Maryland, as well as to other persons who were more or less interested in making some suitable arrangements to prevent the introduction of yellow fever, cholera, or any other infectious or contagious diseases into the above-named cities, by vessels arriving from foreign or domestic infected ports; also to locate, if possible, a proper place of quarantine for those infected vessels already within the Capes, in order to quiet the apprehension of danger, or supposed danger, to public and private interests, by their close proximity, and, at the same time, locate the most suitable place for a permanent quarantine station, at, or near the mouth of the Chesapeake Bay, a necessity which has always existed, and has not, up to the present day, been met.

"The immediate cause for holding said conference thus called together, by the Surgeon-General of the United

States Marine Hospital Service, was the arrival of the steamer *Andean*, from Vera Cruz, a port in Mexico, now being depopulated by the ravages of yellow fever, said steamer having on board two (2) cases of yellow fever, quarantined by the authorities at Newport News, and by order of Surgeon-General Hamilton, anchored off Thimble Light House; also the presence of the hospital barge under the southern extremity of Fort Wool, which was believed to be detrimental to public and private interests, and intimidating and threatening to the visitors at the two large watering places, viz: Hygea Hotel at Fortress Monroe, and Ocean View, on the Cape Henry shore, directly opposite, the barge being a probable source for communicating and conveying fatal diseases to guests at said hotels, to the troops stationed at Fortress Monroe, and to the veterans in the National Home at Hampton, Va., while, at the same time, contiguous to the track of most of the incoming and outgoing vessels, and to such doing business in the waters of the lower part of the Bay, and all made more imperative, by the arrival of the steamer *California*, with several cases of yellow fever on board. This steamer, having eluded the authorities at the mouth of the Bay, reported at the quarantine station for Baltimore City, from whence, by the authority of Surgeon-General Hamilton, I promptly ordered her to anchor off the Thimble Light House.

"At the appointed time the conference was opened, and all interests, public and private, were fully represented. After a consultation with Surgeon-General Hamilton and other health officers present, and, inasmuch as it was necessary to take prompt and efficient action, I suggested that in order to intelligently and justly understand the situation, so that proper preventive

measures for protection and security against impending diseases could be taken, that we hear, *First*, The objections and grievances of those affected by the presence of the ship and hospital barge, as then located; *Second*, From the pilots, as to the nature of the bottom, as far as holding the anchor was concerned, depth of water, safety of ship and barge when moored, and their ability to pilot vessels to certain anchorages; *Third*, That we select a suitable place of quarantine for infected vessels and barge that would combine safety, convenience and perfect isolation.

"The testimony of Mr. Phoebus, of the Hygea, and of Mr. Kennedy, of Ocean View, as well as the testimony of those representing the maritime interests adjacent to and in sight of the quarantined vessels and hospital barge, demonstrated, beyond a question of doubt, the necessity for their instant removal. The commanding officer at Fortress Monroe stated that 'while he did not fear for his garrison or himself, he would advise the removal of the infected vessels and barge to a place more isolated.'

"The pilots testified as to the safety of the anchorage where the barge was now located, that the barge was 'cranky,' and that it would be hazardous to take the barge out into the bay, off of the Thimble Lighthouse, in order to take the sick from these infected ships; also, that while the present position of the ships was a safe one, for ships of their respective tonnage, it would not be safe for smaller or lighter draught vessels, and that the prevailing winds were mostly 'easterly winds,' and, therefore, blew from the infected ships toward the two hotels, and that they

were able and willing to pilot vessels when and where they were directed.

"Suggestions were then made as to the most suitable place for a quarantine station. Lynn Haven Bay, Craney Island, Willoughby's Point, Pig Point, Fort Wool, the beach inside of Cape Henry, the point on the western shore and north of Fortress Monroe, Dry Isaacs, and Fisherman's Island, on the eastern shore of Virginia, south and west of Smith's Island, were all mentioned and examined, and after a careful discussion of the advantages and disadvantages of each place named, Fisherman's Island was finally selected as the place combining all of the necessary requirements, being about fifteen miles south of Cherrystone, twelve miles from Cape Henry, and ten miles from any habitations.

"The only objection made to this place was made by the pilots, who alleged that there was not water enough for such vessels, which allegation was at once met by Captain Evans, 'that there was plenty of water, and that he had been over every foot of the north and and south entrances, and would guarantee a depth of six (6) fathoms of water at the north entrance, and four and a-half ($4\frac{1}{2}$) fathoms at the south entrance of inlet, besides there being room to float and anchor the whole English navy; also, that he would, on Monday next, buoy out the passage and take in the ships and barge to prove what he said was true.' Captain Evans is in charge of the soundings, buoys and such special work as pertains to his duty as an officer of the light-house service, and fully qualified to make such positive and convincing assertions.

"The pilots agreed that 'if Captain Evans would lay out and buoy the channel there would be no difficulty in taking the ships in.' The infected ships to go in and anchor near the north entrance, while the barge was to be moored inside of the south entrance, because it would be easier to provision the barge at this point, and also facilitate the visits of quarantine physicians having the infected in charge, and in order to isolate the ships from the barge as much as possible.

"The infected ships were at once ordered to anchor in Lynn Haven Bay, until the channel at Fisherman's Inlet was properly buoyed, it having been selected by the conference as a permanent quarantine station.

"A resolution offered by me, 'requesting the Secretary of the Treasury to instruct Surgeon-General Hamilton to institute, if necessary, a rigid inspection and quarantine of all vessels coming in at the Capes, and to maintain the same as long as, in the Surgeon-General's opinion as a scientific sanitarian, it was necessary,' was unanimously adopted.

"Surgeon-General Hamilton stated that 'he would at once put the cutter *Woodward* in service, with a medical officer on board.'

"A suggestion was made 'to place medical men on the pilot boats,' which was objected to for the reason that 'pilots were not quarantine officers, and the boats being owned by individuals, they could not be invested with the dual duty.'

"A resolution, offered by Dr. Townsend, of Washington Health Department, was adopted, requesting the Governors of Virginia and Maryland to instruct the

pilots to carry all vessels from infected ports to the above-named quarantine grounds, to be there inspected by the proper authorities.'

"A resolution was adopted 'requesting the Secretary of the Treasury to have the infected vessels removed at once to Lynn Haven Bay.' Surgeon-General Hamilton immediately issued the proper orders for such removal. The conference also determined that 'the establishment of a quarantine station at the above-mentioned place could, and should not, in any way, interfere with the local quarantines, either in fees or power.'

"If authorities below passed vessels, and such vessels came to any local quarantine station, the officer at such station, if he has any doubt relative to the sanitary condition of such vessels, would have the power, and he would be perfectly justified in making the vessels return and remain until he was satisfied of their condition.

"This determination was arrived at because of my demand, and for the reason that I would not consent to anything that would abridge or interfere with our local quarantine. I stated distinctly, that I did not want any infected vessels at the port of Baltimore, and I would not allow them to come, but if they did, in violation of my rules, I would order them back immediately.

"Just here, sir, permit me to suggest to you that one of the most important elements in all quarantine measures, is the security given to the timorous and fearful, whose imaginings and alarms are often worse than the actual risk and danger of contagion.

"In view of these facts, together with our late experience with the steamer *California*, and as a further precautionary and preventive measure, I respectfully recommend that the City of Baltimore, if practicable, should station a steamer, with a medical officer on board, half-way between our local quarantine and Fisherman's Inlet, with full power to hail and inspect any vessel from an infected port, which, either by intent or chance, has eluded the authorities at the Capes, and if necessary, order such vessel back to quarantine at Fisherman's Inlet.

"In closing my report I desire to acknowledge the courtesy extended by the gentlemen composing the conference, and to say that, notwithstanding the hurried manner of calling the said conference together, everyone connected therewith seemed actuated by a desire to act promptly, decisively and justly, and in view of the matters of justice and equity to be decided between the interests of public and private parties there represented, as well as the questions of jurisdiction to be settled, without ruffling individual or State pride, made it one of the most successful, earnest and harmonious meetings for business that I ever had the pleasure of attending. The conference adjourned *sine die*.

"All of which is respectfully submitted,

"By your obedient servant,

"(Signed) Geo. W. Benson, M.D.,

"*Commissioner of Health and Registrar.*"

This prompt action of the conference, beyond the cavil of a doubt, prevented the introduction of yellow fever in our midst, and while it was called "Benson's Blockade," it was better so than that our citizens should have suffered from some one's mercenary folly.

In August the Marshal of Police again detailed a force, who, in connection with the sanitary inspectors of this department, made a second house to house inspection, which was done, if possible, more systematically than before, clearing the city of many nuisances that had accumulated since the 1st of May. During these several inspections, the work of cleaning and disinfecting our sewers had been going on vigorously, and from the testimony of those engaged in that work, it was more extensive and complete than at any time for the last six or eight years.

It is my settled and confirmed opinion as a medical man and sanitarian, that this house to house inspection and cleaning of sewers should be performed at least twice a year, in the spring and fall, together with the draining of all ponds and places where water is collected with the possibility of becoming stagnant, in the months of May and June.

These house inspections and the cleaning of sewers show us where the filth accumulates, and while we are removing it we learn the locality in which our sanitary efforts may be of the most advantage. August 1st, although small-pox had become a thing of the past, I did not permit myself to be lulled into a false sense of security. I detailed one of the sanitary inspectors of this department to act as supervisor of vaccination, with instructions to go over the whole city, systemat-

ically, to catch up those persons that had recently moved into this city, or any that might have eluded the vigilance of this department during the excitement and hurry of the epidemic. In order that there should be no misunderstanding relative to the manner in which I desired the work to be done, a circular letter was delivered to each of the ten physicians who compose the regular vaccine force of this city. The following is a copy of said circular letter:

"*To the Vaccine Physicians of Baltimore City:*

"GENTLEMEN:

"The unusual mortality from small-pox in our city during the past year has, more than ever, impressed the Health Officer and the public generally with a sense of the imperative necessity for adopting and enforcing the most rigid, thorough and efficient measures known to the medical profession for the prevention of this most loathsome disease. The efficiency of vaccination, when thoroughly performed, as a defense against the ravages of this malady, has been too well established to admit of doubt. It is approved and practiced with success by the most competent and experienced sanitarians in every quarter of the civilized world, and our laws so far insist upon its performance as to impose a penalty upon all who refuse to avail themselves of the protection it affords. But to be effective, the work must be thoroughly done. To ensure safety against another visitation of the disease, every individual resident, of whatever age, sex, race, color or condition, should be *kept protected,* and this can only be accomplished by a constant vigilant inspec-

tion, and the vaccination and revaccination of every one whose system is in an unprotected condition. This onerous and responsible duty, so important to the commercial interests of our city, and so essential to the preservation of the health and lives of our citizens, devolves upon the vaccine physicians of the city. To ensure thoroughness and efficiency in the work, you are expected, in your visitations, to take the streets, lanes and alleys, *in consecutive order*, passing from house to house, until all have been visited; ascertain the number of inmates of each house, examine the arms of all present at the time of the visit, and vaccinate all persons not displaying the characteristic scar of successful vaccination effected within the past two years. Certificates from family physicians that proper vaccination has been practiced within the above-named period may be accepted. In such cases, however, the certificate must *specify by name* all the parties to whom it applies. Houses from which any of the inmates may be absent at the date of the first visit, must be revisited until all have been inspected and vaccinated, if necessary.

"Cases of primary vaccination must be revisited within ten days and revaccinated, should a successful result not appear. The names of persons refusing to be vaccinated, or otherwise violating the laws regarding vaccination, must be reported immediately to the Health Department, in order that obedience may be enforced. A full and accurate record should be kept of all the work done, and in making your regular returns to the Health Department you will be required to prepare tabulated statements showing the *streets, lanes and alleys inspected;* also, the residences, names and

race of those vaccinated, and the number of primary and secondary vaccinations in each house. For obvious reasons the population is most transient in those sections of the city where the poorer classes reside, and lack of proper drainage, ventilation and cleanliness incident to their condition in life, favor the spread of contagious diseases.

"It is therefore urged that you shall first visit all such sections within your respective districts, and exercise *special care* to keep the residents in a protected condition, leaving to the last those sections where the population is more permanent and in a better sanitary condition. The method of inspecting the streets, alleys and lanes *consecutively*, as above indicated, is insisted upon, in order that the work, so far as it goes, may be thoroughly and efficiently accomplished.

"Respectfully, &c."

September 1st I divided the city into sanitary districts, east and west of Jones' Falls.

I requested the Assistant Commissioner of Health to make a topographical survey and medical sanitary inspection of all the streets, alleys, lanes and courts, as well as of all the factories, of every kind, in that portion of the city east of the falls, while the Medical Sanitary Inspector and Acting Supervisor of Vaccination was to do the same for the portion of the city west of Jones' Falls.

The report of the latter (having received none from the former), shows the inspection to have been systematically and thoroughly made, the perusal of which

will give you a faint idea of what has been done, and what can be done in the future.

The following is a copy of said report:

"REPORT OF THE MEDICAL SANITARY INSPECTOR, SUPERVISING VACCINATIONS.

"*Dr. George W. Benson,*
*Commissioner of Health,*

"SIR:

"As Medical Sanitary Inspector, charged also with the duty of Supervising Vaccinations, I have the honor to submit the following report:

"The late epidemic of small-pox, during which there were nearly 5,000 cases of the disease and more than a thousand deaths, demonstrated the necessity of guarding against a return of the pestilence, by enforcing a more thorough and rigid execution of the laws providing for the vaccination and revaccination of all unprotected persons; and, to ensure greater efficiency, it was thought expedient that some physician should be placed in general charge of the entire work to adopt such uniform regulations as would ensure the best results possible with the means at command.

"Regarding sanitary inspections, also, it was deemed expedient that one, at least, of the sanitary inspectors of the city should be a physician, as occasions frequently arise requiring professional examination to determine questions of nuisances, or the sources of disease, and the proper means of prevention to be applied. Hence, I was appointed to perform the

double duty of supervising vaccinations and making medical sanitary inspections.

"In addition to the investigation of all special cases requiring medical examinations, I have, at the request of the Commissioner of Health, made personal inspection of the public thoroughfares of all that part of the city lying west of Jones' Falls, with the view of ascertaining their sanitary condition, reporting upon any defects that might be found injurious to public health, and suggesting such remedies as might appear advisable. Jones' Falls itself, in a sanitary sense, is worthy of special notice.

"In the summer season its condition is by no means conducive to the health of the residents in that vicinity. In dry weather the water is low for a considerable distance above the point where the tides flow. The shallow, sluggish stream extends its entire width, from wall to wall, and the loathsome filth of every conceivable kind that is always, and unavoidably, present, lodges in every irregularity of surface, and by rapid decomposition exhales the most noxious and offensive odors. Heavy rains occasionally wash it out, but in their absence the nuisance remains unabated, a festering mass of putrid filth, alike revolting to the senses and detrimental to health.

"I believe that much of the trouble might be prevented by constructing the bed of the stream in a concave form, with the lowest part in the centre. The water thus not being spread over a broad surface, but gravitating to the centre, would maintain a greater depth and stronger current and carry off much of the filth

that now lodges and rots upon its level, shallow surface.

"This form is almost always adopted in the construction of sewers, and I see no reason why it could not be done here with equal advantage. I am informed that the present Commissioner of Health insisted on this mode of constructing the bed of this stream many years ago.

"The grade of many of our streets is most favorable to natural surface drainage. Heavy rains cleanse them more thoroughly than it could be by hand, and in many sections the street scavenger is never seen and never needed. This sanitary advantage of the more elevated parts of Baltimore is of inestimable value to the health of her citizens.

"It is in the lower parts of the city and upon the great thoroughfares of business that special attention is required to maintain the cleanliness essential to health and comfort. Here filth collects most rapidly and has to be removed by artificial means. Our streets are kept as clean as those of any city where the same method of cleansing is in use, but not so clean as in cities where a different system prevails. Now a brigade of scrapers, sweepers and carts proceed from street to street, in the business hours of the day, scraping, sweeping up and hauling off the filth and dirt, to the great hindrance of general travel and the infinite annoyance and discomfort of all passers-by, from the clouds of filthy dust that fill the air.

"This is a nuisance and reproach to the city. The principal streets, at least, should be swept by machines at night, and all dirt be removed before business hours

in the morning. It can be done quicker, better and cheaper in this way than by the present method. Boston, Chicago, San Francisco, Washington and many other cities have adopted this system, and no city that has given it a trial, with proper machinery, has ever returned to the old method. The streets of Washington are all swept by machines, and their cleanly condition fully attests the advantages of the system. Pavements of Belgian blocks are swept with even greater facility than those of asphaltum, and as our principal streets are being paved with this material, an excellent opportunity is now offered to adopt this, the best method of keeping them clean. If it costs no more it should be adopted without delay. It is in every way better than the present method, and its adoption would exhibit a spirit of progress becoming a great commercial city.

"The filth that accumulates upon the surface of streets that are level, or nearly so, is dissolved by the rains, and, not running off readily, filters through the interstices of the pavements and lodges in the earth beneath. From this substratum, saturated with liquid filth, noxious gases are exhaled in hot weather, which must endanger the public health. I believe this is a most fruitful source of morbific poison in the atmosphere of the lower sections of the city. It might be obviated by using pavements, in such localities, that are impervious to water, such as the 'Camp' patent, or others like it.

"The gutters next to the curbstone should *everywhere* be made impervious to water. The rains carry the dirt from the centre and higher part of the pave-

ments into the gutters, and there, if they are not waterproof, it finds its way into the soil beneath, and remains to generate foul gases to taint the air and produce disease. Once made so, they would last a very long while, as the wear from travel is chiefly in the centre of the streets.

"Much of the filth that thus collects daily in the gutters could be washed away by frequent flushing. We have an abundance of water, and to spare. It could be utilized for this purpose to great advantage. If fire plugs or water plugs were placed at the highest point on every street and frequently opened in hot weather to wash out the gutters, it would carry off a great deal of filth, without the cost of removal, and contribute much to the health and comfort of the people. On the southern and southwestern borders of the city, there are many pools of stagnant water, mostly where the earth has been excavated in brick making. They contribute largely to the malaria of that section of the city, and the owners of the properties should be required to drain them, or fill them up with proper earth.

"The above suggestions, if adopted, would add little to the city's expenses, but, in my judgment, contribute much to the health and comfort of its inhabitants.

"During the period of my service, the officers and employes of the Health Department have been most assiduous and faithful in the discharge of their duties, and under the direction and supervision of the head of the department, the sanitary condition of the city and the health of the citizens have been brought up to a

standard that will compare favorably with any large city on the continent. Our death rate is much reduced, and the city for the past season has been unusually exempt from zymotic diseases. I think it quite fair to claim that this result is largely due to the vigilance and efficiency of our Health Commissioner.

"There is but one known means of protection against the ravages of small-pox, and that is by a frequent, systematic and thorough vaccination and revaccination of the inhabitants. If this is done efficiently, protection is sure; if neglected, the consequences no one can tell.

"The whole population should be inspected annually, and every unprotected person vaccinated or revaccinated. We have now but ten vaccine physicians, each one having charge of two wards, containing about 8,000 families and 40,000 inhabitants. It is physically impossible for them to do the work as it should be done, and absurd to expect it for such pay as they get, namely, $300 each per annum There should be one vaccine physician for each ward, at an annual salary of $500.

"The work could then be thoroughly and systematically done. The cost would be $10,000 a year. The late epidemic took from the city treasury more than $100,000 to pay for infected beds, clothing and furniture destroyed, and for burying the dead enough to pay for a proper vaccine force for ten years, to say nothing of the loss of life, the desolated homes, and the injury to our mercantile interests. True economy, as well as the dictates of humanity, demands that this should be done at once. If done, and the execution of the law rigidly

enforced, Baltimore need never fear another epidemic of small-pox.

"Very respectfully,

"(Signed) E. J. Henkle,
"*Medical Sanitary Inspector,*
*Supervising Vaccinations.*"

The few complaints that are received daily at this office, and the low morality rate, admits of the presumption that this city is in a fair sanitary condition, with the possibility of being still further improved if the proper means are employed in that direction.

If the means were adopted to eradicate the supposed causes of what are believed to be preventible diseases, those that are zymotic in character, as diphtheria, scarlet, typhoid and malarial fever, and which are supposed to be produced by the decomposition of vegetable or animal matter, and decisive measures were enforced in this city to reduce to a minimum such nuisances, the number of cases of disease attributable to such causes would be materially lessened, and the mortality rate would be notably decreased.

These diseases, zymotic in character, like yeast introduced into the flour, leaven the whole body, and have the power to infect other bodies when brought into contact. Thanks to the immortal Jenner, small-pox yields an easy victory to science, and it should be the duty of every physician and scientist to diligently search the "hidden fields" in emulation of him, that they may win such success as crowned his efforts, and be classed as benefactors of the human race. Among

these diseases most frequent, disastrous and dreaded, that the young are afflicted with, is diphtheria, and is one of the class preventible, and therefore, demands our prompt attention, especially at this season of the year, as now is what may properly be called the season of congestion, especially of the mucous membrane. The unseasonable weather, together with the frequent and varying changes of temperature, requires the greatest care and caution, as the foundations of disease may be laid, the effects of which may be felt for many years to come. Congestion of the mucous membrane of the mouth, tonsils, throat and nostrils always precede diphtheria, and if taken at this stage of congestion, and promptly acted upon, many incipient cases of diphtheria, in families and schools, may be discovered, treated and cured, while infection may be prevented, and possibly, an epidemic averted. As it is our bounden duty to take advantage of all the means in our power to protect these young lives, and prevent the introduction of disease into our families and schools, I would, therefore, suggest that it is as necessary, at this season of the year, to have the throat of every child, especially of those who attend school, examined carefully every morning, as it is to see that they are properly vaccinated during the prevalence of small-pox, and I unhesitatingly assert that money spent for such examinations for the next month, would be well invested, as it would, without doubt, save the lives of many children, and prevent much unnecessary suffering.

Parents can easily protect their children in the following way, namely: If they will take the trouble to examine their throats every morning, and, on the appearance of the least redness about the tonsils or pal-

ate, take a quill, or an oat straw, and blow upon the inflamed membrane a small quantity of either powdered chlorate of potash, sulphate of iron, sulphite of soda or carbolate of soda, or with a camel's hair brush paint the parts with tincture of iron. All of these remedies are within reach of the poorest, and a few cents' worth of either above-named articles will be found sufficient.

I also think that the custom of giving a "recess" should be discontinued, not because I believe the principle is wrong, but because the children, coming as they do daily from a warm atmosphere, all the mucous membranes bathed in nature's healthy fluid, with only half their usual wraps around their bodies, and going into the cold air, and, as a general thing, into the school yards paved with brick, and in their thin-soled shoes, taking in the cold atmosphere, which becomes intensified by the evaporations from the water and snow-saturated bricks, thus acting as an irritant and an astringent upon the relaxed mucous membranes, checking the secretions, and producing either local or organic congestion. I would suggest that, in lieu of recess, which, as now conducted, forces the children into the cold open air, frequently against their own wishes, that there be instituted some childish plays or games, under the supervision of the teachers, in the school rooms, which will, for the time being, divert their minds from study, protect them from bruises and falls, and shield them from diseases that are evolved from such sudden changes in the temperature of the air they breathe.

A law should be passed to compel the owners of all vacant lots to fill and grade them, so that they cannot

retain water thereon to become stagnant; keep them clear of all filth and nuisance, and when weeds or tall grasses grow upon such lots they should be cut down and hauled away before September 1st of each year, thus preventing any malarial poison, such as they generally produce.

In all localities that are damp ample subsoil drainage should be instituted before houses are erected, and no houses should be built on any lot without having a paved street in front or a paved alley in the rear, so as to allow complete surface drainage for all innocuous fluids, wash, bath and rain water.

When the privy is constructed it should be so made that everything is retained therein, allowing nothing to run into it; but neither bricks, mortar, stone nor cement will do it. This can only be accomplished by having a good "oil hogshead," with the bottom retained therein and the "head end" rising about eight inches above the grade of the yard, with a ventilator above the highest windows of the dwelling, good covers for the seats, and a close door.

If dug down to water it should go low enough, in order to insure no filling in from the drainage of the superficial strata, for then it would be worse than useless. The soil or drain-pipe connected therewith should be of cast iron, not less than four inches in diameter, extending outside above the top of the house, properly trapped between the house and the well, and not at its base. There should be an independent ventilation pipe, a trap at each fixture and a ventilator for the same, all connecting with the main pipe above the highest fixture.

Nothing should be used inside of houses for drain or ventilation pipe but cast iron or lead pipe, and the joints of the pipes should be either "wiped" or caulked joints.

To insure dry cellars, as far as possible, the foundation walls should be rammed with puddling clay, outside and within, and the floors as well, unless there is a good sandy and dry foundation. So much for the houses.

All alleys, lanes and courts should be properly paved, with no less than twelve inches of sand foundation, with a proper grade, and the gutter in the middle, in order to insure the free passage of all fluids; also, to protect the foundations and cellars on either side.

The streets should have curbstones not less than two feet deep, with a shelving space of at least twelve inches to the gutter, with proper grade to either gutter, and also in its length. Such precautions would insure perfect surface and storm-water drainage.

The construction of an independent system of sewerage—water being the carrier, and gravity the motor—such a one as recommended by our able and practical engineer and townsman, Charles Latrobe, Esq., would relieve the city of a majority of its offensive and disease-producing matter, while the garbage system, made perfect, would dispose of the balance. The present sewerage, remodeled, with traps and grates, should receive only the storm-water and surface drainage.

In my last report I had the honor of calling attention to the necessity of having a law governing plumbing, waste and soil drainage, which was enacted by the

last Council, and approved by the Mayor October 22d, 1883, and is now being put into practical operation by this Department; and, I believe, that by a faithful adherence to the spirit of the ordinance, many of the causes or supposed causes of disease will be overcome.

I respectfully suggest to you that ample appropriations be made for the use of the Street-Cleaning Department, so that, from the first of May to the first of November, the garbage service shall be *daily*, for there is scarcely a more fruitful source of disease than the accumulation of decayed garbage.

This Department has been much embarrassed in abating the nuisance of unpaved private and public alleys—not from the want of the law, but for the want of the means to carry out the law. I would therefore suggest an appropriation of $10,000, to enable this Department to abate this nuisance promptly; for work done in the legal way by this Department is a lien on the property, bearing 6 per cent.—a first-class investment—and is easily collected by the Collector of Taxes.

The work of laying Belgian block pavement has been executed by the very competent City Commissioner in an admirable manner, but some that was laid by private contractors is liable to settling, and in many places sufficient attention has not been paid to the proper grading, so as to facilitate the prompt delivery of the surface water, resulting in puddles of water being left here and there to evaporate under the influence of the summer sun, thereby poisoning the atmosphere. The alleys and streets around the "Edmonson estate" have been a great annoyance to the residents contigu-

ous thereto, and this Department has been powerless to relieve them. When they were deeded to the city it was understood that the corporation would grade and pave them, but as no appropriation was made by preceding Councils, it could not be done. As the work is urgently necessary, your prompt attention is invited thereto.

The removal of night soil is done by parties licensed for such pursuit. The designation of the place where it shall be delivered is in the province of this department, but it meets with the greatest difficulty in compelling those employed in gathering the soil, to comply with the law governing its removal, owing to some misunderstanding between them and the contractor for its transportation I respectfully request that you would make an investigation of the matter. I feel it obligatory on my part to call your attention to the reckless manner in which individuals and private corporations tear up our streets in spring, summer and fall. The turning up of virgin soil for new buildings, to increase the area of our habitations, is always productive of diseases of a zymotic character, and it must follow, when the soil is saturated with all kinds of vegetable and animal matter, as our streets must necessarily be, that it is criminally culpable to expose whole squares to the action of the moisture of the warm spring rains and heat of the summer sun, poisoning the atmosphere all around. It is a matter that this corporation should look into, for the people demand it.

The scraper and broom are as antiquated as our grandmother's needle, and it becomes us to keep pace with the times. The pavements of our city are being made

more perfect, and hand in hand with Belgian block and concrete pavements goes the sweeping machine. If the new method can be adopted and worked as cheap as the old, it should claim our attention, as it certainly can do the work as thorough, decidedly quicker and oftener.

Permit me to call your attention to another nuisance, namely, the manner of watering our thoroughfares. The "watering cart" is abominable in more ways than one. It is an obstacle in the way of travel, is offensive to pedestrians, splashing them when they least expect it, either making the street a quagmire, or putting on just enough to keep a constant evaporation from the street, the vapor being charged with a solution of the animal and vegetable matter therein In lieu thereof, the streets could be swept complete any morning by 5 o'clock, with a machine, and with our abundance of water, and with a fire plug at every corner and a length of hose, they could be thoroughly watered and washed before business hours, combining comfort for pedestrians and storekeepers, with the highest sanitary advantage to all interested.

The number of tables accompanying this report is large, but essentially so from the magnitude of the work performed by this department, exhibiting as they do, our knowledge of the work we were engaged in, where our sanitary efforts were most needed, the extent and location of disease, and its mortality. Much time and labor was spent in their compilation, and they were made as lucid as possible, so as to be understood and be instructive to those who are interested in such statistics.

Statistical tables are herewith submitted, covering the entire duration of the epidemic, from January 1, 1882, to July 1, 1883, when the disease was thoroughly stamped out, and giving the whole number of cases and deaths monthly in each ward, adults, minors, males and females. By these it will be seen that the whole number of cases was 4,930, and of deaths 1,184. The deaths numbered a fraction less than ¼ (one-fourth) of all the cases. There was one case to 82 of the total estimated population, and one death to 374 of the whole population. Of all the cases 1,424 were adults, and 3,506 were minors. The deaths among adults were 225, or 15.8 per cent. of cases; the deaths among minors 959, or 27.3 per cent. of cases. Of the 4,930 cases, 2,853 were *supposed* to have been vaccinated, and 2,077 had not been vaccinated.

Of the 2,853 supposed to have been vaccinated, 327 died. Of the 2,077 not vaccinated, 839 died. The death rate among those supposed to have been previously vaccinated was 115 to 1,000; among those not previously vaccinated, 404 to 1,000.

There were 1,459 cases under five years of age, and of these 587 were supposed to have been vaccinated, and 872 not vaccinated. Of these 587 supposed to have been vaccinated, 73 died, being one in 8, or 124 to 1,000. Of the 872 not vaccinated, 360 died, being one to 24, or 412 to 1,000.

A comparison of the death rate in the six cities where small-pox prevailed as an epidemic in 1882, is as follows:

In Cincinnati there were 1,249 deaths, one death to 224 of population, or 4.46 to 1,000.

In Chicago there were 1,292 deaths, one death to 434 of population, or 2.30 to 1,000.

In New Orleans there were 415 deaths, one death to 538 of population, or 1.85 to 1,000.

In Pittsburg there were 300 deaths, one death to 566 of population, 1.76 to 1,000.

In Richmond there were 96 deaths, one death to 708 of population, or 1.40 to 1,000.

In Baltimore there were 551 deaths, one death to 741 of population, or 1.35 to 1,000.

This shows that the death rate was more than three times as high in Cincinnati as in Baltimore, and lower in Baltimore than in any one of them.

It is my duty to submit for your consideration an estimate of the probable expenses of this department for the year 1884.

| | |
|---|---|
| General Health | $20,000 00 |
| General Health, unexpended balance from 1883 | 6,794 36 |
| Nuisance and Sewers | 10,000 00 |
| Nuisance and Sewers, unexpended balance from 1883 | 341 69 |
| Salaries | 32,585 00 |
| Salaries, unexpended balance from 1883 | 237 49 |
| Post Mortems | 600 00 |
| Quarantine Hospital | 20,000 00 |
| Quarantine Hospital, unexpended balance from 1883 | 53 95 |
| Expenses of Vaccination by increase of force | 6,400 00 |

In concluding my report, I would respectfully state that, in conducting the affairs of this Department, I have been influenced by the determination to do my entire duty, and to be neither extravagant nor parsimonious.

It has been a year of arduous labor, but if you will say, "Well done, thou good and faithful servant," that will be sufficient reward.

I am, with respect,

Your obedient servant,

GEO. W. BENSON,
*Commissioner of Health and Registrar.*

# TABLES.

TABLE No. 1.

## SMALL-POX.

Whole number of cases reported in each Ward each week, from 1st of January, 1883, to the 14th of July, 1883; how many sent to the Pest Hospital, died and recovered.

| CASES REPORTED. | WARDS. | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | First. | Second. | Third. | Fourth. | Fifth. | Sixth. | Seventh. | Eighth. | Ninth. | Tenth. | Eleventh. | Twelfth. | Thirteenth. | Fourteenth. | Fifteenth. | Sixteenth. | Seventeenth. | Eighteenth. | Nineteenth. | Twentieth. | Totals. | Hospital. | Died. | In the city. |
| Week ending January 6... | 58 | 67 | 21 | 8 | 6 | 16 | 3 | 5 | 1 | 4 | 1 | 7 | ... | 3 | 37 | 29 | 39 | 60 | 1 | 1 | 365 | 40 | 79 | 246 |
| " " " 13... | 58 | 80 | 30 | 5 | 7 | 7 | 1 | 2 | 4 | ... | ... | 6 | 2 | 5 | 10 | 17 | 10 | 10 | 2 | 1 | 257 | 45 | 83 | 129 |
| " " " 20... | 51 | 83 | 24 | 11 | 3 | 26 | 12 | 2 | 1 | 2 | 3 | 3 | 4 | 3 | 9 | 12 | 22 | 18 | 6 | 3 | 297 | 53 | 92 | 134 |
| " " " 27... | 46 | 42 | 28 | 3 | 3 | 14 | 8 | 3 | 5 | 1 | ... | 1 | 2 | 5 | 19 | 14 | 36 | 6 | 6 | 2 | 244 | 48 | 75 | 121 |
| " " February 3... | 27 | 32 | 23 | ... | 14 | 17 | 6 | 1 | 1 | 1 | ... | 1 | 1 | 2 | 22 | 22 | 17 | 19 | ... | 6 | 200 | 36 | 69 | 104 |
| " " " 10.. | 18 | 29 | 23 | 6 | 2 | 17 | 9 | 1 | 4 | 1 | 1 | 1 | 1 | ... | 15 | 2 | 23 | 9 | 2 | ... | 176 | 21 | 49 | 106 |
| " " " 17... | 16 | 23 | 16 | 2 | 8 | 10 | 7 | ... | 1 | 1 | ... | 3 | 3 | 2 | 22 | 9 | 9 | 2 | 2 | 1 | 137 | 27 | 51 | 59 |
| " " " 24... | 7 | 18 | 5 | 2 | 7 | 9 | 5 | ... | 1 | ... | ... | 1 | ... | 1 | 11 | 4 | 7 | 2 | ... | ... | 80 | 25 | 25 | 30 |
| " " March 3... | 11 | 6 | 4 | 1 | 5 | 13 | 5 | 1 | ... | ... | ... | 4 | ... | ... | 6 | 1 | 3 | 7 | ... | ... | 67 | 20 | 20 | 37 |
| " " " 10... | 4 | 5 | 5 | ... | 3 | 1 | 1 | ... | ... | ... | ... | ... | ... | 3 | 4 | ..... | 5 | 3 | ... | 1 | 35 | 11 | 15 | 9 |
| " " " 17... | 7 | 16 | 7 | 2 | ... | 1 | ... | ... | ... | ... | ... | 1 | 1 | ... | 4 | 5 | 7 | 2 | 1 | 1 | 55 | 14 | 13 | 28 |
| " " " 24... | 2 | 3 | 4 | 2 | 1 | 1 | 2 | 2 | ... | 1 | ... | ... | ... | 2 | 4 | ..... | 5 | 2 | ... | 1 | 32 | 13 | 13 | 6 |
| " " " 31... | 2 | 2 | ..... | 4 | 2 | 8 | ... | ... | ... | 1 | ... | ... | 2 | ... | 3 | ..... | 4 | 2 | ... | 1 | 31 | 11 | 4 | 16 |
| " " April 7... | ..... | 2 | 2 | 1 | ... | 3 | ... | 6 | 3 | ... | ... | ... | 2 | 4 | 2 | 2 | 2 | ..... | 2 | ... | 31 | 10 | 11 | 10 |
| " " " 14... | 2 | 1 | 2 | ... | 1 | 6 | ... | 2 | ... | ... | ... | ... | 2 | ... | 4 | ..... | 2 | 2 | ... | ... | 24 | 6 | 7 | 11 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending | April 21 | 4 | ..... | ..... | ... | 1 | 5 | 1 | ... | 1 | ... | ... | ... | ... | ... | ..... | 1 | ..... | 3 | ... | 2 | 18 | 1 | 6 | 11 |
| " " | " 28 | 1 | ..... | 1 | ... | ... | 4 | 1 | 2 | ... | ... | ... | ... | ... | ... | ..... | ..... | 2 | 3 | ... | ... | 14 | 3 | 4 | 7 |
| " " | May 5 | ..... | ..... | ..... | ... | ... | 5 | ... | ... | 1 | ... | ... | ... | 1 | ... | 1 | 2 | 2 | 2 | ... | ... | 14 | 4 | 6 | 4 |
| " " | " 12 | ..... | ..... | ..... | 1 | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ..... | 1 | 1 | ..... | ... | ... | 5 | 2 | 1 | 2 |
| " " | " 19 | ..... | ..... | ..... | ... | ... | 4 | 1 | ... | ... | ... | ... | ... | ... | ... | ..... | 1 | ..... | ..... | ... | 1 | 7 | 3 | 5 | ..... |
| " " | " 26 | ..... | 1 | ..... | ... | ... | ..... | ... | ... | ... | ... | 1 | ... | ... | ... | ..... | ..... | ..... | 1 | ... | ... | 3 | 1 | ..... | 2 |
| " " | June 2 | 1 | ..... | ..... | 2 | ... | 2 | ... | ... | 1 | ... | ... | ... | ... | 1 | 6 | ..... | ..... | ..... | ... | 2 | 15 | 1 | ..... | 14 |
| " " | " 9 | ..... | ..... | ..... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ..... | ..... | ..... | ..... | ... | ... | 1 | 1 | ..... | ..... |
| " " | " 16 | ..... | ..... | ..... | ... | ... | ..... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ..... | ..... | ..... | ... | ... | 1 | ..... | 1 | ..... |
| " " | " 23 | ..... | ..... | ..... | ... | ... | ..... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ..... | ..... | ..... | ... | ... | 1 | ..... | ..... | 1 |
| " " | " 30 | ..... | ..... | ..... | ... | ... | ..... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ..... | ..... | ..... | 1 | ... | 2 | ..... | ..... | 2 |
| " " | July 7 | 1 | ..... | ..... | ... | ... | ..... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ..... | ..... | ..... | ... | ... | 2 | ..... | 1 | 1 |
| Totals for six months | | 316 | 410 | 185 | 50 | 63 | 171 | 62 | 27 | 25 | 10 | 6 | 28 | 21 | 30 | 183 | 122 | 196 | 153 | 23 | 23 | 2114 | 395 | 633 | 1086 |

GEORGE W. BENSON, M. D., *Commissioner of Health and Registrar.*

TABLE No. 2.

## SMALL-POX.

Total Number of Cases and Infected Houses in each Ward under the care of this Department at the end of each week, from January 1 to April 7, 1883.

| WEEK ENDING. | WARDS. | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | First. | Second. | Third. | Fourth. | Fifth. | Sixth. | Seventh. | Eighth. | Ninth. | Tenth. | Eleventh. | Twelfth. | Thirteenth. | Fourteenth. | Fifteenth. | Sixteenth. | Seventeenth. | Eighteenth. | Nineteenth. | Twentieth. | Totals. |
| Jan. 6—Cases.. | 108 | 133 | 22 | 15 | 9 | 32 | 11 | 4 | 1 | 1 | ..... | 6 | 1 | 6 | 35 | 31 | 65 | 85 | 1 | 6 | 572 |
| Houses | 79 | 83 | 19 | 12 | 7 | 23 | 9 | 3 | 1 | 1 | ..... | 2 | 1 | 6 | 33 | 26 | 50 | 73 | 1 | 5 | 434 |
| " 13—Cases.. | 69 | 115 | 33 | 7 | 5 | 21 | 9 | 1 | 2 | 1 | ..... | 8 | 1 | 7 | 27 | 24 | 53 | 72 | 1 | 8 | 463 |
| Houses | 53 | 83 | 32 | 7 | 5 | 16 | 8 | 1 | 2 | 1 | ..... | 4 | 1 | 6 | 25 | 22 | 40 | 65 | 1 | 6 | 377 |
| " 20—Cases.. | 87 | 155 | 44 | 11 | 5 | 35 | 22 | 2 | 1 | ..... | 1 | 3 | 4 | 9 | 30 | 32 | 46 | 70 | 5 | 7 | 570 |
| Houses | 76 | 126 | 41 | 11 | 5 | 26 | 17 | 2 | 1 | ..... | 1 | 3 | 4 | 9 | 25 | 29 | 39 | 64 | 4 | 5 | 488 |
| " 27—Cases.. | 87 | 112 | 41 | 6 | 7 | 25 | 16 | 3 | 3 | 1 | ..... | 2 | 3 | 10 | 29 | 25 | 45 | 44 | 3 | 5 | 467 |
| Houses | 73 | 95 | 36 | 6 | 7 | 22 | 13 | 3 | 2 | 1 | ..... | 2 | 3 | 8 | 22 | 22 | 37 | 38 | 3 | 5 | 398 |
| Feb. 3—Cases.. | 62 | 75 | 47 | 3 | 5 | 24 | 16 | 2 | ..... | 2 | ..... | 2 | 3 | 7 | 40 | 30 | 36 | 35 | 1 | 10 | 400 |
| Houses | 50 | 68 | 40 | 3 | 5 | 24 | 13 | 2 | ..... | 2 | ..... | 2 | 3 | 5 | 32 | 27 | 29 | 33 | 1 | 7 | 346 |
| " 10—Cases.. | 40 | 53 | 47 | 4 | 18 | 26 | 13 | 1 | 1 | 4 | 1 | 3 | 1 | 3 | 36 | 16 | 43 | 28 | 1 | 7 | 346 |
| Houses | 32 | 48 | 39 | 3 | 17 | 21 | 7 | 1 | 1 | 4 | 1 | 3 | 1 | 2 | 31 | 15 | 37 | 27 | 1 | 5 | 296 |
| " 17—Cases.. | 26 | 46 | 48 | 5 | 11 | 18 | 13 | 1 | ..... | 2 | 1 | 3 | 3 | 2 | 34 | 27 | 33 | 18 | 2 | 5 | 298 |
| Houses | 24 | 40 | 37 | 3 | 10 | 17 | 8 | 1 | ..... | 2 | 1 | 3 | 2 | 2 | 31 | 22 | 26 | 18 | 2 | 3 | 252 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Feb. 24—Cases.. | 19 | 42 | 41 | 5 | 11 | 19 | 13 | ..... | ..... | 1 | ..... | 5 | 2 | 2 | 23 | 10 | 26 | 6 | ..... | 4 | 229 |
| Houses | 19 | 35 | 33 | 4 | 10 | 18 | 8 | ..... | ..... | 1 | ..... | 4 | 1 | 2 | 20 | 9 | 20 | 6 | ..... | 2 | 192 |
| Mar. 3—Cases.. | 14 | 30 | 31 | 2 | 12 | 28 | 13 | 1 | ..... | 1 | ..... | 5 | 2 | 2 | 16 | 5 | 16 | 5 | ..... | 1 | 184 |
| Houses | 12 | 27 | 25 | 2 | 10 | 27 | 10 | 1 | ..... | 1 | ..... | 2 | 1 | 2 | 15 | 5 | 14 | 5 | ..... | 1 | 160 |
| " 10—Cases.. | 12 | 14 | 21 | 1 | 11 | 17 | 5 | 1 | ..... | ..... | ..... | 5 | ..... | 6 | 15 | 1 | 10 | 6 | ..... | 1 | 126 |
| Houses | 9 | 13 | 17 | 1 | 9 | 17 | 4 | 1 | ..... | ..... | ..... | 2 | ..... | 5 | 13 | 1 | 9 | 6 | ..... | 1 | 108 |
| " 17—Cases.. | 13 | 22 | 17 | 1 | 6 | 8 | 4 | ..... | ..... | ..... | ..... | 1 | ..... | 5 | 10 | ..... | 9 | 5 | ..... | 1 | 102 |
| Houses | 9 | 18 | 14 | 1 | 4 | 8 | 3 | ..... | ..... | ..... | ..... | 1 | ..... | 5 | 8 | ..... | 7 | 5 | ..... | 1 | 84 |
| " 24—Cases.. | 6 | 10 | 9 | 1 | 2 | 8 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | 7 | 10 | ..... | 11 | 2 | ..... | 2 | 70 |
| Houses | 4 | 10 | 5 | 1 | 2 | 8 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | 6 | 8 | ..... | 10 | 2 | ..... | 2 | 59 |
| " 31—Cases.. | 5 | 5 | 1 | 1 | 2 | 6 | ..... | 2 | ..... | ..... | ..... | ..... | 1 | 2 | 6 | ..... | 7 | 2 | ..... | 3 | 43 |
| Houses | 5 | 5 | 1 | 1 | 2 | 6 | ..... | 1 | ..... | ..... | ..... | ..... | 1 | 2 | 5 | ..... | 7 | 2 | ..... | 2 | 40 |
| April 7—Cases.. | 4 | 3 | 1 | 2 | 1 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 6 | 1 | 6 | 1 | 1 | ..... | 35 |
| Houses | 4 | 3 | 1 | 2 | 1 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 5 | 1 | 5 | 1 | 1 | ..... | 33 |

GEORGE W. BENSON, M. D., *Commissioner of Health and Registrar.*

TABLE No. 2—Continued.

## SMALL-POX.

Total Number of Cases and Infected Houses in each Ward under the care of this Department at the end of each week, from the 7th of April to the 14th of July, 1883.

| WEEK ENDING. | WARDS. | | | | | | | | | | | | | | | | | | | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | First | Second. | Third. | Fourth. | Fifth. | Sixth. | Seventh. | Eighth. | Ninth. | Tenth. | Eleventh. | Twelfth. | Thirteenth. | Fourteenth. | Fifteenth. | Sixteenth. | Seventeenth. | Eighteenth. | Nineteenth. | Twentieth. | |
| Apr. 14—Cases.. | 2 | 1 | 1 | 1 | ..... | 4 | ..... | 1 | ..... | ..... | ..... | ..... | 1 | 4 | 7 | 1 | 8 | ..... | ..... | ..... | 31 |
| Houses | 1 | 1 | 1 | 1 | 1 | 3 | ..... | 1 | ..... | ..... | ..... | ..... | 1 | 3 | 7 | 1 | 5 | ..... | ..... | ..... | 25 |
| " 21—Cases.. | 3 | 1 | ..... | ..... | 1 | 5 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 2 | 3 | ..... | 7 | 2 | ..... | 2 | 27 |
| Houses | 2 | 1 | ..... | ..... | 1 | 5 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 2 | 3 | ..... | 4 | 1 | ..... | 2 | 22 |
| " 28—Cases.. | 1 | ..... | ..... | ..... | 2 | 8 | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | 2 | 4 | ..... | 2 | 23 |
| Houses | 1 | ..... | ..... | ..... | 2 | 6 | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | 1 | 3 | ..... | 2 | 19 |
| May 5—Cases.. | ..... | ..... | ..... | ..... | 1 | 6 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 2 | 1 | 2 | ..... | 1 | 17 |
| Houses | ..... | ..... | ..... | ..... | 1 | 3 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 1 | 1 | 2 | ..... | 1 | 13 |
| " 12—Cases.. | ..... | ..... | ..... | 1 | ..... | 5 | 1 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 1 | 1 | 2 | ..... | 1 | 16 |
| Houses | ..... | ..... | ..... | 1 | ..... | 3 | 1 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 1 | 1 | 2 | ..... | 1 | 14 |
| " 19—Cases.. | ..... | ..... | ..... | ..... | ..... | 5 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | 1 | 1 | ..... | 1 | 10 |
| Houses | ..... | ..... | ..... | ..... | ..... | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | 1 | 1 | ..... | 1 | 9 |
| " 26—Cases.. | ..... | 1 | ..... | ..... | ..... | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... | ..... | 1 | 7 |
| Houses | ..... | 1 | ..... | ..... | ..... | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... | ..... | 1 | 7 |
| June 2—Cases.. | 1 | 1 | ..... | 2 | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 5 | ..... | ..... | ..... | ..... | 2 | 14 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Houses | 1 | 1 | ..... | 2 | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 3 | ..... | ..... | ..... | ..... | 1 | 11 |
| June 9—Cases.. | 1 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5 | ..... | ..... | ..... | ..... | 2 | 9 |
| Houses | 1 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | ..... | ..... | ..... | 1 | 6 |
| " 16—Cases.. | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 6 | ..... | ..... | ..... | ..... | ..... | 7 |
| Houses | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | ..... | ..... | ..... | ..... | 4 |
| " 23—Cases.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | 1 |
| Houses | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | 1 |
| " 30—Cases.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | 1 | ..... | 3 |
| Houses | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 1 | ..... | 2 |
| July 7—Cases.. | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | 2 |
| Houses | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | 2 |
| " 14—Cases.. | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 |
| Houses | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 |

GEORGE W. BENSON, M. D, *Commissioner of Health and Registrar.*

TABLE No. 3.

## SMALL-POX.

Whole number of cases reported from January 1st to July 7th, 1883, inclusive.

| CASES REPORTED. | Per week. | Per month. | COLOR. | | SEX. | | AGE. | | Vaccinated. | Not vaccinated. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | White. | Colored. | Males. | Females. | Adults. | Minors. | | |
| January 6 | 365 | 1259 | 265 | 100 | 190 | 175 | 126 | 239 | 215 | 150 |
| " 13 | 257 | | 196 | 61 | 143 | 114 | 86 | 171 | 154 | 103 |
| " 20 | 297 | | 232 | 65 | 141 | 156 | 80 | 217 | 173 | 124 |
| " 31 | 340 | | 238 | 102 | 180 | 160 | 114 | 226 | 235 | 105 |
| February 3 | 104 | 542 | 72 | 32 | 59 | 45 | 31 | 73 | 66 | 38 |
| " 10 | 176 | | 117 | 59 | 103 | 73 | 62 | 114 | 123 | 53 |
| " 17 | 137 | | 78 | 59 | 75 | 62 | 44 | 93 | 108 | 29 |
| " 28 | 125 | | 90 | 35 | 64 | 61 | 41 | 84 | 95 | 30 |
| March 3 | 22 | 175 | 14 | 8 | 10 | 12 | 2 | 20 | 15 | 7 |
| " 10 | 35 | | 24 | 11 | 17 | 18 | 12 | 23 | 24 | 11 |
| " 17 | 55 | | 36 | 19 | 32 | 23 | 14 | 41 | 26 | 29 |
| " 24 | 32 | | 19 | 13 | 13 | 19 | 13 | 19 | 21 | 11 |
| " 31 | 31 | | 11 | 20 | 22 | 9 | 17 | 14 | 18 | 13 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| April | 7 | 31 | 92 | 16 | 15 | 18 | 13 | 11 | 20 | 18 | 13 |
| " | 14 | 24 | | 9 | 15 | 16 | 8 | 10 | 14 | 14 | 10 |
| " | 21 | 18 | | 13 | 5 | 12 | 6 | 4 | 14 | 12 | 6 |
| " | 30 | 19 | | 9 | 10 | 8 | 11 | 4 | 15 | 14 | 5 |
| May | 5 | 9 | 35 | 6 | 3 | 6 | 3 | 3 | 6 | 5 | 4 |
| " | 12 | 5 | | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 |
| " | 19 | 5 | | .... | 5 | 2 | 3 | 2 | 3 | 3 | 2 |
| " | 31 | 16 | | 7 | 9 | 9 | 7 | 5 | 11 | 13 | 3 |
| June | 2 | 4 | 9 | 2 | 2 | 1 | 3 | .... | 4 | 3 | 1 |
| " | 9 | 1 | | 1 | .... | 1 | .... | .... | 1 | 1 | .... |
| " | 16 | 1 | | 1 | .... | 1 | .... | .... | 1 | .... | 1 |
| " | 23 | 1 | | 1 | .... | 1 | .... | .... | 1 | .... | 1 |
| " | 30 | 2 | | 2 | .... | 1 | 1 | 1 | 1 | 2 | .... |
| July | 7 | 2 | 2 | 2 | .... | 1 | 1 | .... | 2 | 2 | .... |
| Totals for six months | | 2114 | 2114 | 1463 | 651 | 1128 | 986 | 684 | 1430 | 1363 | 751 |

GEORGE W. BENSON, M. D., *Commissioner of Health and Registrar.*

# TABLE No. 4.

## SMALL-POX.

Total Number of Deaths Monthly in each Ward—Adult, Minor, Male and Female.

### WHITE.

| —1883.— | JANUARY. | | | | FEBRUARY. | | | | MARCH. | | | | APRIL. | | | | MAY. | | | | JUNE. | | | | JULY. | | | | TOTALS. | | TOTALS. | | TOTALS. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| —AGE.— | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adults. | | Minors. | | Sexes. | | Grand Totals. |
| —SEX.— | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | |
| First Ward | 3 | 3 | 19 | 32 | 1 | ... | 16 | 11 | ... | ... | ... | 2 | ... | ... | 2 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 | 3 | 38 | 45 | 42 | 48 | 90 |
| Second Ward | 7 | 3 | 23 | 33 | 3 | .... | 12 | 20 | 5 | .... | 6 | 4 | .... | 1 | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 15 | 4 | 42 | 58 | 57 | 62 | 119 |
| Third Ward | ... | ... | 3 | 8 | 1 | 1 | 6 | 3 | .... | .... | 1 | 2 | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 12 | 13 | 13 | 14 | 27 |
| Fourth Ward | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 2 | 1 | 2 | 1 | 3 |
| Fifth Ward | ... | 1 | 4 | 1 | ... | 1 | 3 | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .... | 2 | 7 | 3 | 7 | 5 | 12 |
| Sixth Ward | 2 | 1 | 3 | 6 | ... | ... | 4 | 6 | .... | 2 | 2 | 4 | .... | 1 | 1 | 1 | ... | ... | 2 | 2 | ... | 2 | ... | ... | ... | ... | ... | ... | 2 | 4 | 14 | 19 | 16 | 23 | 39 |
| Seventh Ward | 2 | .... | 3 | 1 | 1 | ... | ... | 3 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 | .... | 4 | 4 | 7 | 4 | 11 |
| Eighth Ward | ... | ... | ... | ... | 1 | 1 | 1 | .... | ... | .... | .... | 2 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 2 | 2 | 3 | 3 | 6 |
| Ninth Ward | 1 | 1 | 1 | 1 | ... | ... | 2 | .... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 3 | 1 | 4 | 2 | 6 |
| Tenth Ward | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | .... | 1 | .... | 1 |
| Eleventh Ward | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | .... | ... | ... | 1 | .... | 1 |
| Twelfth Ward | ... | 1 | .... | 1 | .... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .... | 1 | .... | 1 | .... | 2 | 2 |
| Thirteenth Ward | 2 | .... | 1 | 2 | 1 | .... | 2 | .... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 | .... | 3 | 4 | 6 | 4 | 10 |
| Fourteenth Ward | ... | ... | ... | 1 | .... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | 1 | 2 | 1 | 3 |
| Fifteenth Ward | 4 | .... | 3 | 2 | 1 | 2 | 2 | 4 | ... | ... | 1 | 2 | .... | 2 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 5 | 4 | 7 | 8 | 12 | 12 | 24 |
| Sixteenth Ward | ... | 1 | 1 | 9 | ... | 1 | .... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .... | 2 | 1 | 10 | 1 | 12 | 13 |
| Seventeenth Ward | 1 | 2 | 7 | 4 | 2 | .... | 2 | 2 | ... | ... | ... | 3 | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 3 | 2 | 10 | 11 | 13 | 13 | 26 |
| Eighteenth Ward | .... | 2 | 4 | 8 | .... | 1 | 2 | 4 | ... | ... | 1 | .... | 1 | .. | 3 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 3 | 11 | 12 | 12 | 15 | 27 |
| Nineteenth Ward | .... | 1 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .... | 1 | .... | 1 | .... | 2 | 2 |
| Twentieth Ward | ... | ... | ... | ... | 1 | .... | .. | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | 1 | 1 | 2 |
| Totals | 23 | 16 | 72 | 109 | 12 | 7 | 52 | 58 | 5 | 2 | 15 | 21 | 1 | 4 | 12 | 3 | ... | ... | 5 | 2 | .... | ... | 3 | 1 | ... | ... | ... | 1 | 41 | 29 | 159 | 195 | 200 | 224 | 424 |
| Totals by month, age and sex | | | 220 | | | | 129 | | | | 43 | | | | 20 | | | | 7 | | | | 4 | | | | 1 | | | | 70 | | 354 | | 424 | |

GEORGE W. BENSON, M.D., *Commissioner of Health and Registrar.*

# TABLE No. 5.

## SMALL-POX.

Total Number of Deaths Monthly in each Ward—Adult, Minor, Male and Female.

### COLORED.

| —1883.— | JANUARY. | | | | FEBRUARY. | | | | MARCH. | | | | APRIL. | | | | MAY. | | | | JUNE. | | | | TOTALS. | | TOTALS. | | TOTALS. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| —AGE.— | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adults. | | Minors. | | Sexes. | | Grand Totals. |
| —SEX.— | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | |
| First Ward | | | | 3 | 2 | | | | | | | | | | | | | | | | | | | | 2 | | | 3 | 2 | 3 | 5 |
| Second Ward | | | 2 | 2 | 1 | | | | | | | | | | | | | | | | | | | | 1 | | 2 | 2 | 3 | 2 | 5 |
| Third Ward | 3 | | 2 | 2 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | 4 | 1 | 3 | 3 | 7 | 4 | 11 |
| Fourth Ward | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | | 2 | | 2 |
| Fifth Ward | | | | 2 | 1 | | 2 | | 1 | | | | | | | | | | | | | | | | 2 | | 2 | 2 | 4 | 2 | 6 |
| Sixth Ward | 2 | 1 | 1 | 2 | | | 2 | 1 | 2 | 1 | | 5 | | | | 1 | | | | | | | | | 4 | 2 | 3 | 9 | 7 | 11 | 18 |
| Seventh Ward | | | | | | | 2 | 1 | | | | | | | 1 | | | | | | | | | | | | 3 | 1 | 3 | 1 | 4 |
| Eighth Ward | | | | | | | | 1 | | | | | | | | | 1 | | | | | | | | 1 | | | 1 | 1 | 1 | 2 |
| Ninth Ward | | | 1 | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | 2 | 1 | 2 | 1 | 3 |
| Tenth Ward | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | 1 | 1 | 2 |
| Eleventh Ward | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | 1 | 1 |
| Twelfth Ward | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thirteenth Ward | 1 | | 1 | | 1 | | | 1 | | | | | | | | | | | | | | | | | | 2 | 1 | 1 | 3 | 1 | 4 |
| Fourteenth Ward | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 |
| Fifteenth Ward | 6 | 5 | 3 | 6 | 6 | 2 | 7 | 4 | | | 4 | 1 | | | 1 | 2 | | | 2 | | | | | | 12 | 7 | 15 | 15 | 27 | 22 | 49 |
| Sixteenth Ward | 7 | 1 | 4 | 8 | 2 | 2 | 6 | 6 | 1 | | 2 | | | | 1 | | | | 1 | | | | | | 10 | 3 | 13 | 15 | 23 | 18 | 41 |
| Seventeenth Ward | 2 | 3 | 5 | 5 | | | | 1 | | | | 2 | | | | | | | | | | | | | 2 | 3 | 5 | 8 | 7 | 11 | 18 |
| Eighteenth Ward | 3 | 4 | 8 | 8 | 1 | 1 | 2 | 3 | | 1 | | 2 | 1 | | | | | | | 1 | | | | | 5 | 6 | 10 | 14 | 15 | 20 | 35 |
| Nineteenth Ward | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Twentieth Ward | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | 1 | 1 | 1 | 2 |
| Totals | 25 | 15 | 29 | 40 | 16 | 6 | 23 | 20 | 4 | 2 | 6 | 10 | 1 | | 4 | 3 | 1 | | 4 | | | | | | 47 | 23 | 62 | 79 | 109 | 100 | 209 |
| Totals by month, age and sex | 109 | | | | 65 | | | | 22 | | | | 8 | | | | 5 | | | | 0 | | | | 70 | | 139 | | 209 | | |

GEORGE W. BENSON, M.D., *Commissioner of Health and Registrar.*

TABLE No. 6.

Total number of deaths monthly in each Ward from Small-pox.

| WARDS. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| First | 60 | 30 | 2 | 2 | 1 | | | | | | | | 95 |
| Second | 70 | 36 | 15 | 3 | | | | | | | | | 124 |
| Third | 18 | 15 | 3 | 2 | | | | | | | | | 38 |
| Fourth | 2 | | 1 | | 1 | 1 | | | | | | | 5 |
| Fifth | 8 | 9 | 1 | | | | | | | | | | 18 |
| Sixth | 18 | 13 | 16 | 4 | 4 | 2 | | | | | | | 57 |
| Seventh | 6 | 7 | 1 | 1 | | | | | | | | | 15 |
| Eighth | | 4 | 2 | 1 | 1 | | | | | | | | 8 |
| Ninth | 5 | 4 | | | | | | | | | | | 9 |
| Tenth | 1 | 1 | 1 | | | | | | | | | | 3 |
| Eleventh | 2 | | | | | | | | | | | | 2 |
| Twelfth | 2 | | | | | | | | | | | | 2 |
| Thirteenth | 7 | 5 | 2 | | | | | | | | | | 14 |
| Fourteenth | 2 | | 1 | 1 | | | | | | | | | 4 |
| Fifteenth | 29 | 28 | 8 | 5 | 2 | 1 | | | | | | | 73 |
| Sixteenth | 31 | 18 | 3 | 1 | 1 | | | | | | | | 54 |
| Seventeenth | 29 | 7 | 5 | 2 | | | 1 | | | | | | 44 |
| Eighteenth | 37 | 14 | 4 | 5 | 2 | | | | | | | | 62 |
| Nineteenth | 1 | 1 | | | | | | | | | | | 2 |
| Twentieth | 1 | 2 | | 1 | | | | | | | | | 4 |
| Totals | 329 | 194 | 65 | 28 | 12 | 4 | 1 | | | | | | 633 |

GEORGE W. BENSON, M. D.,

*Commissioner of Health and Registrar.*

## TABLE No. 7.

# SMALL-POX.

Total Number of Cases of Small-Pox Monthly in each Ward, 1882 and 1883—Adult, Minor, Male and Female.

## WHITE.

| —MONTH.— | | | JANUARY. | | | | FEBRUARY. | | | | MARCH. | | | | APRIL. | | | | MAY. | | | | JUNE. | | | | JULY. | | | | AUGUST. | | | | SEPTEMBER. | | | | OCTOBER. | | | | NOVEMBER. | | | | DECEMBER. | | | | TOTALS. | | TOTALS. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| —AGE.— | | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adults. | | Minors. | | Grand Totals. |
| —SEX.— | | | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | |
| First | Ward | 1882 | 1 | .... | 1 | .... | 1 | .... | .... | .... | 1 | .... | .... | 1 | 2 | .... | .... | 1 | 1 | .... | 1 | 2 | .... | 2 | 2 | 2 | 2 | 18 | 19 | 3 | 2 | 35 | 28 | 7 | 5 | 30 | 27 | 18 | 11 | 43 | 43 | 17 | 10 | 45 | 43 | 25 | 19 | 69 | 60 | 78 | 51 | 244 | 226 | 599 |
| " | " | 1883 | 28 | 12 | 77 | 90 | 5 | 8 | 23 | 19 | 3 | 3 | 4 | 6 | 1 | .... | 5 | 1 | .... | .... | .... | 1 | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 37 | 23 | 109 | 118 | 287 |
| Second | " | 1882 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 | .... | .... | 2 | 1 | 3 | .... | .... | .... | .... | 2 | 10 | .... | 1 | 4 | 4 | .... | .... | 18 | 22 | 2 | 8 | 30 | 30 | 10 | 8 | 45 | 50 | 15 | 9 | 56 | 48 | 29 | 20 | 101 | 96 | 59 | 48 | 259 | 260 | 626 |
| " | " | 1883 | 32 | 30 | 100 | 112 | 19 | 7 | 33 | 20 | 6 | 2 | 14 | 6 | .... | .... | 2 | 1 | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 57 | 39 | 149 | 140 | 385 |
| Third | " | 1882 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 | 1 | 3 | 1 | 9 | 4 | 2 | 1 | 5 | 7 | 1 | .... | 5 | 2 | 1 | 2 | 10 | 3 | 2 | .... | 14 | 16 | 2 | .... | 4 | 3 | 3 | 2 | 7 | 9 | 17 | 7 | 20 | 18 | 32 | 13 | 75 | 63 | 183 |
| " | " | 1883 | 20 | 11 | 28 | 26 | 7 | 4 | 19 | 14 | 3 | 2 | 2 | 10 | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 30 | 17 | 50 | 50 | 147 |
| Fourth | " | 1882 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 1 | .... | .... | 1 | .... | .... | .... | .... | .... | 1 | .... | .... | 1 | 5 | 3 | 2 | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 5 | 1 | 2 | 4 | 9 | 3 | 8 | 8 | 29 |
| " | " | 1883 | 5 | .... | 1 | 5 | .... | 1 | 1 | 1 | 1 | .... | 1 | 1 | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 | 1 | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 6 | 1 | 4 | 9 | 20 |
| Fifth | " | 1882 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 2 | 1 | 2 | 1 | 3 | 2 | 1 | .... | 1 | 1 | .... | 1 | .... | .... | .... | 1 | .... | 2 | 2 | 2 | 7 | 5 | 5 | 6 | 13 | 11 | 35 |
| " | " | 1883 | 3 | 3 | 4 | 4 | 1 | 4 | 3 | 6 | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 5 | 8 | 7 | 10 | 30 |
| Sixth | " | 1882 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 2 | 1 | 1 | .... | .... | 4 | 1 | .... | 2 | 3 | .... | 1 | .... | 1 | .... | 2 | 1 | 8 | 6 | 2 | 3 | 5 | 4 | 4 | 1 | 8 | 6 | 2 | 5 | 14 | 10 | 5 | 2 | 24 | 23 | 17 | 16 | 68 | 51 | 152 |
| " | " | 1883 | 6 | 5 | 14 | 27 | 4 | 1 | 19 | 10 | 1 | 2 | 1 | 9 | 1 | .... | .... | 9 | 1 | .... | 4 | 3 | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 13 | 8 | 39 | 58 | 118 |
| Seventh | " | 1882 | .... | .... | 2 | .... | .... | .... | 2 | 1 | 1 | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 2 | 1 | 5 | 6 | 2 | 2 | 11 | 7 | 6 | 4 | 18 | 17 | 45 |
| " | " | 1883 | 4 | 2 | 10 | 5 | 1 | 2 | 7 | 8 | .... | .... | 1 | .... | 1 | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 6 | 4 | 19 | 13 | 42 |
| Eighth | " | 1882 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 2 | .... | 1 | 2 | 2 | .... | 1 | 5 |
| " | " | 1883 | 4 | .... | 2 | 2 | 2 | .... | .... | 1 | 1 | .... | .... | 1 | 1 | 1 | 2 | 3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 8 | 1 | 4 | 7 | 20 |
| Ninth | " | 1882 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 4 | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 4 | .... | 1 | .... | .... | 1 | .... | 2 | .... | .... | 1 | .... | .... | .... | .... | .... | 4 | .... | .... | .... | 3 | .... | 4 | 4 | 16 | 1 | 6 | 6 | 29 |
| " | " | 1883 | 3 | .... | 2 | 1 | 3 | .... | .... | 1 | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 7 | .... | 2 | 2 | 11 |
| Tenth | " | 1882 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 2 | .... | 2 | .... | 2 | .... | 3 | 2 | 7 |
| " | " | 1883 | .... | 1 | 1 | 2 | 1 | 1 | 1 | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 2 | 3 | 2 | 8 |
| Eleventh | " | 1882 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 | .... | .... | .... | 1 |
| " | " | 1883 | 1 | .... | 1 | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 | 1 | .... | 3 |
| Twelfth | " | 1882 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 | .... | 1 | .... | 2 |
| " | " | 1883 | 1 | .... | 4 | 6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 4 | 6 | 11 |
| Thirteenth | Ward | 1882 | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 1 | 1 | .... | 1 | 1 | 3 | 1 | 6 |
| " | " | 1883 | .... | 3 | .... | 1 | 2 | .... | .... | .... | .... | 1 | .... | .... | 1 | .... | 2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 3 | 4 | 2 | 1 | 10 |
| Fourteenth | " | 1882 | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 4 | 4 | 1 | 2 | 6 | 5 | 2 | 3 | 16 |
| " | " | 1883 | 4 | 2 | 5 | 2 | .... | 2 | .... | .... | .... | .... | 1 | 3 | .... | .... | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 4 | 4 | 7 | 6 | 21 |
| Fifteenth | " | 1882 | .... | .... | .... | .... | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 | .... | 1 | 2 | 3 | .... | .... | .... | 1 | .... | .... | .... | .... | 1 | 1 | 3 | 2 | 1 | .... | 5 | 3 | 2 | 4 | 7 | 13 | 1 | 3 | 3 | 8 | 4 | 1 | 8 | 3 | 10 | 11 | 30 | 33 | 84 |
| " | " | 1883 | 6 | 10 | 14 | 10 | 7 | 2 | 7 | 8 | 1 | .... | 2 | 2 | 1 | .... | .... | .... | .... | .... | .... | 1 | .... | 2 | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 15 | 12 | 25 | 21 | 73 |
| Sixteenth | " | 1882 | .... | .... | 1 | 1 | 2 | 2 | 2 | 2 | .... | .... | 2 | .... | .... | .... | 2 | .... | 1 | .... | 1 | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 3 | 1 | 2 | 6 | .... | 6 | 2 | 8 | 7 | 13 | 10 | 38 |
| " | " | 1883 | 12 | 8 | 10 | 12 | .... | 5 | 6 | 2 | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 12 | 13 | 17 | 14 | 56 |
| Seventeenth | " | 1882 | .... | .... | .... | .... | 1 | .... | .... | 1 | 1 | .... | .... | .... | 1 | 2 | 7 | 9 | 3 | 2 | 11 | 11 | 1 | 2 | 6 | .... | .... | 3 | 1 | .... | 1 | 1 | 1 | .... | .... | .... | 1 | 5 | .... | 5 | 4 | 6 | 4 | 20 | 14 | 11 | 10 | 21 | 25 | 29 | 21 | 68 | 73 | 191 |
| " | " | 1883 | 20 | 12 | 21 | 22 | 12 | 4 | 12 | 10 | 1 | 2 | 5 | 4 | .... | .... | 2 | 2 | .... | .... | .... | 1 | .... | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 33 | 18 | 41 | 40 | 132 |
| Eighteenth | " | 1882 | .... | 1 | .... | .... | 1 | 1 | .... | 1 | 1 | 2 | 3 | 3 | .... | 2 | 1 | 2 | 1 | 1 | 1 | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 | .... | 1 | .... | 2 | 1 | 4 | .... | 4 | 4 | 8 | 7 | 14 | 11 | 40 |
| " | " | 1883 | 10 | 10 | 16 | 15 | 3 | 3 | 4 | 5 | .... | .... | 1 | 2 | .... | .... | 3 | 1 | .... | .... | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 13 | 13 | 25 | 24 | 75 |
| Nineteenth | " | 1882 | 1 | .... | 2 | 1 | .... | .... | 2 | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 | 1 | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 5 | .... | 2 | 5 | 12 |
| " | " | 1883 | 1 | 1 | 1 | 1 | 2 | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 3 | 1 | 1 | 2 | 7 |
| Twentieth | " | 1882 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 | .... | .... | .... | 1 |
| " | " | 1883 | 1 | 1 | .... | 2 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 | 1 | 1 | 2 | 6 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 554 | 368 | 1335 | 1306 | 3563 |

GEORGE W. BENSON, M D., *Commissioner of Health and Registrar.*

## TABLE No. 8.

# SMALL-POX.

Total Number of Cases of Small-Pox Monthly in each Ward, 1882 and 1883—Adult, Minor, Male and Female.

## COLORED.

| —MONTH.— | JANUARY. | | | | FEBRUARY. | | | | MARCH. | | | | APRIL. | | | | MAY. | | | | JUNE. | | | | JULY. | | | | AUGUST. | | | | SEPTEMBER. | | | | OCTOBER. | | | | NOVEMBER. | | | | DECEMBER. | | | | TOTALS. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| —AGE.— | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adults. | | Minors. | | Grand Totals. |
| —SEX.— | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | |
| First Ward..... 1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4 | 2 | 1 | ..... | ..... | ..... | ..... | 2 | 1 | 1 | 2 | ..... | 4 | ..... | ..... | ..... | 1 | ..... | ..... | ..... | 3 | ..... | 2 | 2 | 5 | 2 | 8 | 10 | 25 |
| " " .....1883 | 3 | 1 | ..... | 4 | 2 | 1 | 2 | 1 | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5 | 2 | 2 | 6 | 15 |
| Second " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... | 1 | 1 | ..... | ..... | 2 | ..... | ..... | ..... | 1 | 1 | ..... | 1 | 2 | 5 | ..... | 1 | 6 | 12 |
| " " .....1883 | 6 | ..... | 8 | 3 | 3 | ..... | 1 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 10 | ..... | 9 | 3 | 22 |
| Third " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 2 | 4 | 2 | 2 | ..... | 3 | ..... | 3 | 2 | ..... | 4 | 1 | ..... | 1 | 1 | 2 | 4 | ..... | 1 | 1 | ..... | 2 | 5 | 4 | ..... | 1 | 3 | 14 | 9 | 11 | 16 | 50 |
| " " .....1883 | 16 | 2 | 8 | 6 | 3 | 3 | 2 | 8 | ..... | ..... | 2 | 1 | 2 | ..... | 1 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 21 | 5 | 13 | 16 | 55 |
| Fourth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1 | ..... | ..... | 1 | 1 | ..... | ..... | ..... | ..... | 1 | ..... | 5 | 6 | 1 | 1 | 13 |
| " " .....1883 | 8 | 3 | 2 | 4 | ..... | 1 | 2 | 4 | 5 | ..... | 1 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 14 | 4 | 5 | 8 | 31 |
| Fifth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... | 5 | 4 | ..... | ..... | 2 | 1 | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | 2 | 2 | 1 | 1 | 5 | 6 | 1 | 11 | 12 | 30 |
| " " .....1883 | 2 | ..... | 3 | 1 | 7 | 4 | 7 | 3 | 2 | 1 | ..... | 1 | 1 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 12 | 6 | 10 | 5 | 33 |
| Sixth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | 1 | 3 | ..... | 2 | 4 | 2 | 2 | 1 | 4 | 2 | 1 | 1 | ..... | 2 | ..... | 1 | 1 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | 4 | 2 | ..... | 2 | 3 | 6 | 4 | 1 | 6 | 5 | 9 | 8 | 23 | 23 | 63 |
| " " .....1883 | 4 | 1 | 8 | 6 | 1 | 3 | 7 | 9 | 2 | ..... | 3 | 2 | 1 | 2 | 1 | 5 | 1 | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 9 | 6 | 21 | 22 | 58 |
| Seventh " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1 | ..... | ..... | ..... | ..... | 2 | 1 | 5 | 2 | ..... | 1 | 3 | ..... | 2 | ..... | ..... | 3 | 4 | 2 | 9 | 6 | 21 |
| " " .....1883 | 1 | 2 | 1 | 3 | 1 | 1 | 5 | 4 | 1 | ..... | 2 | 1 | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 4 | 8 | 8 | 23 |
| Eighth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 1 | ..... | ..... | 2 | 3 |
| " " .....1883 | 1 | ..... | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4 | 1 | 3 | ..... | 8 |
| Ninth " .....1882 | ..... | ..... | 1 | 1 | ..... | ..... | 1 | 3 | ..... | ..... | 1 | 1 | 1 | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | 1 | ..... | ..... | ..... | 1 | ..... | ..... | 1 | ..... | 3 | ..... | 8 | 5 | 16 |
| " " .....1883 | 1 | 2 | 1 | 2 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4 | 2 | 5 | 2 | 13 |
| Tenth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | 1 | 1 | ..... | ..... | ..... | 3 | 4 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | 2 | 5 | 5 | 3 | 15 |
| " " .....1883 | 1 | ..... | 1 | 1 | ..... | 1 | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 2 | 1 | 1 | 5 |
| Eleventh " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1 | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1 | 2 | ..... | 4 |
| " " .....1883 | ..... | 2 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 2 | ..... | 1 | 4 |
| Twelfth " .....1882 | 1 | 1 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | 1 | ..... | ..... | ..... | 1 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 2 | 1 | 5 | 2 | 10 |
| " " .....1883 | ..... | ..... | 2 | 4 | 2 | 2 | 1 | 1 | ..... | ..... | 3 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 2 | 6 | 7 | 17 |
| Thirteenth " .....1882 | ..... | ..... | ..... | ..... | 1 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | 1 | ..... | 3 |
| " " .....1883 | 3 | ..... | 1 | 1 | 1 | ..... | ..... | 1 | 1 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 6 | 1 | 1 | 2 | 10 |
| Fourteenth " .....1882 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1 | ..... | 1 | 6 |
| " " .....1883 | 1 | ..... | ..... | 3 | ..... | ..... | ..... | ..... | ..... | 2 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | ..... | 5 | 7 |
| Fifteenth " .....1882 | 3 | ..... | 2 | 1 | 3 | ..... | 2 | 1 | ..... | 2 | 1 | ..... | 2 | ..... | 3 | 1 | 2 | 1 | 3 | 2 | 1 | 4 | 3 | 3 | 5 | 1 | 9 | 5 | 1 | 9 | 9 | 7 | 3 | 4 | 11 | 11 | 6 | 3 | 6 | 11 | 11 | 1 | 6 | 5 | 7 | 6 | 10 | 10 | 44 | 31 | 65 | 57 | 197 |
| " " .....1883 | 12 | 9 | 12 | 16 | 10 | 3 | 14 | 13 | 2 | ..... | 2 | 7 | 1 | 1 | 4 | 2 | 1 | ..... | 3 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 26 | 13 | 35 | 40 | 114 |
| Sixteenth " .....1882 | 2 | ..... | ..... | 1 | 2 | 2 | 3 | ..... | 4 | ..... | ..... | ..... | 1 | 3 | 3 | 2 | 1 | 1 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 14 | 10 | 21 | 29 | 74 |
| " " .....1883 | 6 | 7 | 10 | 9 | 3 | 2 | 3 | 7 | ..... | 1 | 3 | 1 | ..... | ..... | 1 | 3 | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 9 | 10 | 17 | 22 | 58 |
| Seventeenth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1 | ..... | 1 | ..... | ..... | 1 | ..... | 5 | 10 | 8 | 3 | 11 | 9 | 9 | 4 | 17 | 20 | 50 |
| " " .....1883 | 5 | 8 | 12 | 13 | 3 | 1 | 4 | 7 | 2 | ..... | 2 | 4 | 1 | ..... | 1 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 12 | 9 | 19 | 24 | 64 |
| Eighteenth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 2 | 1 | 2 | ..... | ..... | ..... | ..... | 1 | 2 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | 1 | ..... | 2 | 1 | 1 | 2 | 2 | 5 | 7 | 10 | 18 | 16 | 10 | 16 | 24 | 26 | 76 |
| " " .....1883 | 13 | 5 | 18 | 21 | 1 | 2 | 4 | 4 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 18 | 9 | 26 | 28 | 81 |
| Nineteenth " .....1882 | 2 | 2 | 6 | 7 | 2 | 3 | 5 | 1 | ..... | 1 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 8 | 6 | 15 | 8 | 37 |
| " " .....1883 | 3 | 2 | 1 | 3 | 1 | ..... | ..... | ..... | 1 | ..... | ..... | ..... | 1 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | 1 | ..... | 6 | 3 | 1 | 3 | 13 |
| Twentieth " .....1882 | 1 | 1 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 2 | ..... | 1 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1 | 2 | 1 | 5 | 2 | 4 | 4 | 15 |
| " " .....1883 | 1 | ..... | 2 | 2 | ..... | 1 | 3 | ..... | ..... | ..... | 2 | 2 | ..... | ..... | 1 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 2 | 8 | 6 | 17 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 315 | 188 | 425 | 440 | 1368 |

GEORGE W. BENSON, M.D., *Commissioner of Health and Registrar.*

## TABLE No. 9.

# SMALL-POX.

Total Number of Deaths Monthly in each Ward 1882 and 1883.—Adult. Minor. Male and Female.

## WHITE.

| —MONTH.— | JANUARY. | | | | FEBRUARY. | | | | MARCH | | | | APRIL. | | | | MAY. | | | | JUNE. | | | | JULY. | | | | AUGUST. | | | | SEPTEMBER. | | | | OCTOBER. | | | | NOVEMBER. | | | | DECEMBER. | | | | TOTALS. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| —AGE.— | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adults. | | Minors. | | |
| —SEX.— | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Grand Totals. |
| First Ward..... 1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 1 | ..... | 3 | 2 | ..... | ..... | 7 | 4 | 1 | ..... | 5 | 8 | 2 | 1 | 6 | 2 | 3 | 2 | 13 | 8 | 3 | 1 | 19 | 22 | 10 | 4 | 53 | 49 | 116 |
| " " .....1883 | 3 | 3 | 19 | 32 | 1 | ..... | 16 | 11 | ..... | ..... | ..... | 2 | ..... | ..... | 2 | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4 | 3 | 38 | 45 | 90 |
| Second " .....1882 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 2 | ..... | ..... | ..... | 2 | 1 | ..... | 1 | 2 | 1 | ..... | 5 | 2 | 1 | ..... | 10 | 8 | 1 | 2 | 20 | 12 | 4 | 2 | 17 | 19 | 5 | 3 | 34 | 28 | 13 | 7 | 89 | 75 | 184 |
| " " .....1883 | 7 | 3 | 23 | 33 | 3 | ..... | 12 | 20 | 5 | ..... | 6 | 4 | ..... | 1 | 1 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 15 | 4 | 42 | 58 | 119 |
| Third " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | 1 | 1 | ..... | 7 | 1 | 1 | ..... | 1 | ..... | ..... | ..... | 2 | ..... | 2 | ..... | 1 | 2 | 4 | ..... | 11 | 5 | 20 |
| " " .....1883 | ..... | ..... | 3 | 8 | 1 | 1 | 6 | 3 | ..... | ..... | 1 | 2 | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1 | 12 | 13 | 27 |
| Fourth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 1 | 1 | 2 | ..... | 1 | 2 | 5 |
| " " .....1883 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 1 | 3 |
| Fifth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4 | ..... | ..... | ..... | 2 | 4 | 6 |
| " " .....1883 | ..... | 1 | 1 | 1 | ..... | 1 | 3 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 7 | 3 | 12 |
| Sixth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5 | 3 | 14 | 7 | 29 |
| " " .....1883 | 2 | 1 | 3 | 6 | ..... | ..... | 4 | 6 | ..... | 2 | 2 | 4 | ..... | 1 | 1 | 1 | ..... | ..... | 2 | 2 | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1 | ..... | 1 | 1 | ..... | ..... | 1 | ..... | 1 | 2 | 1 | 1 | 1 | 1 | 6 | 5 | 2 | 4 | 14 | 19 | 39 |
| Seventh " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | 1 | ..... | ..... | 1 | ..... | 2 | ..... | 1 | 2 | 2 | 5 |
| " " .....1883 | 2 | ..... | 3 | 1 | 1 | ..... | ..... | 3 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | 4 | 4 | 11 |
| Eighth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| " " .....1883 | ..... | ..... | ..... | ..... | 1 | 1 | 1 | ..... | ..... | ..... | ..... | 2 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1 | 2 | 2 | 6 |
| Ninth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | ..... | 1 | 2 | ..... | 3 |
| " " .....1883 | 1 | 1 | 1 | 1 | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1 | 3 | 1 | 6 |
| Tenth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 1 |
| " " .....1883 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 1 |
| Eleventh " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| " " .....1883 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | 1 |
| Twelfth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| " " .....1883 | ..... | 1 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 1 | 2 |
| Thirteenth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | 1 | 1 | 2 |
| " " .....1883 | 2 | ..... | 1 | 2 | 1 | ..... | 2 | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | 3 | 4 | 10 |
| Fourteenth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | 2 | ..... | 2 |
| " " .....1883 | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 1 | 3 |
| Fifteenth " .....1882 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 2 | 2 | ..... | ..... | 3 | 1 | ..... | ..... | 1 | 1 | ..... | ..... | 5 | ..... | 2 | 1 | 5 | 10 | 18 |
| " " .....1883 | 4 | ..... | 3 | 2 | 1 | 2 | 2 | 4 | ..... | ..... | 1 | 2 | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5 | 4 | 7 | 8 | 24 |
| Sixteenth " .....1882 | ..... | ..... | 1 | ..... | 1 | ..... | 2 | 1 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | 1 | 2 | ..... | ..... | 2 | 1 | 1 | ..... | 7 | 6 | 14 |
| " " .....1883 | ..... | 1 | 1 | 9 | ..... | 1 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 1 | 10 | 13 |
| Seventeenth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | 1 | ..... | ..... | 1 | ..... | 2 | 8 | ..... | ..... | 2 | 4 | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1 | ..... | 2 | ..... | ..... | 1 | 1 | 8 | 4 | ..... | ..... | 6 | 3 | 3 | 2 | 22 | 20 | 47 |
| " " .....1883 | 1 | 2 | 7 | 4 | 2 | ..... | 2 | 2 | ..... | ..... | ..... | 3 | ..... | ..... | 1 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 2 | 10 | 11 | 26 |
| Eighteenth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | 1 | 3 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 1 | ..... | 1 | 4 | 7 | 12 |
| " " .....1883 | ..... | 2 | 4 | 8 | ..... | 1 | 2 | 4 | ..... | ..... | 1 | ..... | 1 | ..... | 3 | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 11 | 12 | 27 |
| Nineteenth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | 2 |
| " " .....1883 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 1 | 2 |
| Twentieth " .....1882 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| " " .....1883 | ..... | ..... | ..... | ..... | 1 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 1 | ..... | 2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 81 | 49 | 377 | 383 | 890 |

GEORGE W. BENSON, M.D., *Commissioner of Health and Registrar.*

## TABLE No. 10.

# SMALL-POX.

Total Number of Deaths Monthly in each Ward 1882 and 1883.—Adult, Minor, Male and Female.

## COLORED.

| —MONTH.— | | | JANUARY. | | | | FEBRUARY. | | | | MARCH. | | | | APRIL. | | | | MAY. | | | | JUNE. | | | | JULY. | | | | AUGUST. | | | | SEPTEMBER. | | | | OCTOBER. | | | | NOVEMBER. | | | | DECEMBER. | | | | TOTALS | | TOTALS. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| —AGE.— | | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adult. | | Minor. | | Adults. | | Minors. | | |
| —SEX.— | | | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Grand Totals. |
| First | Ward | 1882 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 1 | | 2 | | 3 |
| " | " | 1883 | | | | 3 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | 3 | 5 |
| Second | " | 1882 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| " | " | 1883 | | | 2 | 2 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 2 | 2 | 5 |
| Third | " | 1882 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | | | 2 | | 1 | | 3 |
| " | " | 1883 | 3 | | 2 | 2 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 | 3 | 3 | 11 |
| Fourth | " | 1882 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | 1 |
| " | " | 1883 | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | | 2 |
| Fifth | " | 1882 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | 1 | | | | | | | | | | | | | | | | | 2 | | 1 | 1 | 4 |
| " | " | 1883 | | | | 2 | 1 | | 2 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | 2 | 2 | 6 |
| Sixth | " | 1882 | | | | | | | | | | | | | 1 | | 1 | 1 | | | | | 1 | | | | | | 1 | | | | | | | | | | | | | | | | | 1 | 3 | 3 | 2 | 9 |
| " | " | 1883 | 2 | 1 | 1 | 2 | | | 2 | 1 | 2 | 1 | | 5 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2 | 3 | 9 | 18 |
| Seventh | " | 1882 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | 1 |
| " | " | 1883 | | | | | | | 2 | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 4 |
| Eighth | " | 1882 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| " | " | 1883 | | | | | | | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | 2 |
| Ninth | " | 1882 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | 1 | | 1 | | 2 |
| " | " | 1883 | | | 1 | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 3 |
| Tenth | " | 1882 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| " | " | 1883 | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | 2 |
| Eleventh | " | 1882 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | 1 | | | |
| " | " | 1883 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 |
| Twelfth | " | 1882 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 |
| " | " | 1883 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thirteenth | Ward | 1882 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 |
| " | " | 1883 | 1 | | 1 | | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 | 1 | 4 |
| Fourteenth | " | 1882 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| " | " | 1883 | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 |
| Fifteenth | " | 1882 | | | | | | | | | | | | | | | | | | | | | 2 | | 1 | | | | | | 2 | 1 | 1 | 1 | 2 | 2 | 1 | | 4 | 1 | | | 1 | 2 | 1 | 2 | 3 | 5 | 2 | 12 | 8 | 27 |
| " | " | 1883 | 6 | 5 | 3 | 6 | 6 | 2 | 7 | 4 | | | 4 | 1 | | | 1 | 2 | | | 2 | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 1 | 2 | 3 | 12 | 7 | 15 | 15 | 49 |
| Sixteenth | " | 1882 | | | | | | | | | 1 | | | | | | 1 | 1 | | | 1 | | | | | | | | | | | | | | 1 | | | | | | | | | 1 | | 3 | 1 | 3 | 1 | 4 | 4 | 12 |
| " | " | 1883 | 7 | 1 | 4 | 8 | 2 | 2 | 6 | 6 | 1 | | 2 | | | | 1 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | | 3 | 1 | 10 | 3 | 13 | 15 | 41 |
| Seventeenth | " | 1882 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | 1 | 2 | | 3 |
| " | " | 1883 | 2 | 3 | 5 | 5 | | | | 1 | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3 | 5 | 8 | 18 |
| Eighteenth | " | 1882 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | 2 | 6 | 2 | | 3 | 8 | 13 |
| " | " | 1883 | 3 | 4 | 8 | 8 | 1 | 1 | 2 | 3 | | 1 | | 2 | 1 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 6 | 10 | 14 | 35 |
| Nineteenth | " | 1882 | | | | 1 | 1 | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | | | 2 | 3 |
| " | " | 1883 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Twentieth | " | 1882 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | 1 |
| " | " | 1883 | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 68 | 31 | 93 | 102 | 294 |

GEORGE W. BENSON, M.D., *Commissioner of Health and Registrar.*

## TABLE NO. 11.

Report of the Regular Vaccine Physicians for Twelve Months ending December 31st, 1883.

| WARDS. | PHYSICIANS. | RESIDENCE. | Number of Calls. | Number of Vaccinations. | Primary. | Secondary. | Successful. | Failed. | Not heard from. | Males. | Females. | White. | Colored. | Re-Vaccinations. | Certificates of Vaccination given. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1st and 2d. | E. Jones Williams. | 53 Elliott st. | 250 | 864 | 111 | 753 | ..... | ..... | 864 | 416 | 448 | 858 | 6 | ..... | 100 |
| | N. L. Dashiell, Jr. | 207 S. Broadway | 500 | 1,002 | 74 | 928 | 600 | 100 | 302 | 459 | 543 | 1,000 | 2 | ..... | 170 |
| 3d " 4th. | S. H. Martin | 133 E. Pratt st | 461 | 792 | 188 | 604 | 48 | ..... | 744 | 412 | 380 | 631 | 161 | ..... | ..... |
| | J. E. Gorsuch. | Fayette & Aisquith sts. | 1,632 | 279 | 37 | 242 | 180 | 12 | 87 | 198 | 81 | 172 | 107 | 543 | 3,491 |
| 5th " 6th. | W. N. Hill | 196 E. Baltimore st | 1,653 | 1,488 | 270 | 1,218 | 244 | 212 | 1,032 | 748 | 740 | 1,242 | 246 | ..... | 20 |
| | J. F. Martinet | Gay & Washington sts. | 3,506 | 149 | 50 | 99 | 19 | 31 | 99 | 116 | 33 | 62 | 87 | 10 | 147 |
| 7th " 8th. | Silas W. Hunter. | 36 Greenmount ave | 2,797 | 3,611 | 297 | 3,314 | 1,427 | 181 | 2,003 | 1,678 | 1,933 | 3,380 | 231 | ..... | 490 |
| 9th " 10th. | J. H. Scarff | 45 Mulberry st. | 1,444 | 3,046 | 112 | 2,934 | ..... | ..... | 3,046 | 1,181 | 1,865 | 1,425 | 1,621 | ..... | ..... |
| | De La H. Barclay | Sharp & Conway sts. | 955 | 45 | 20 | 25 | ..... | ..... | 45 | 18 | 27 | 18 | 27 | 25 | 430 |
| 11th " 12th. | W. F. Lockwood | Madison st. & Park av. | 1,410 | 1,626 | 120 | 1,506 | 400 | 200 | 1,026 | 806 | 820 | 794 | 832 | 200 | 161 |
| 13th " 14th. | B. F. Phillips. | 311 W. Lombard st | 5,243 | 3,149 | 655 | 2,494 | 2,380 | 221 | 548 | 1,849 | 1,300 | 2,029 | 1,120 | 531 | 728 |
| 15th " 16th. | E. Micheau. | 158 S. Sharp st | 4,005 | 5,842 | 342 | 5,500 | 1,002 | 540 | 4,300 | 3,800 | 2,042 | 2,003 | 3,839 | 950 | 1,005 |
| 17th " 18th. | W. A. Jones | 326 Hollins st. | 3,593 | 2,903 | 196 | 2,707 | 40 | ..... | 2,863 | 1,174 | 1,729 | 2,867 | 36 | ..... | 661 |
| 19th " 20th. | F. J. Flannery | Wilson & Division sts. | 90 | 1,468 | 81 | 1,387 | ..... | ..... | 1,468 | 832 | 636 | 1,340 | 128 | ..... | 154 |
| | H. J. Houck. | Presstman & Carey sts. | 4,067 | 409 | 75 | 334 | 62 | 13 | 334 | 189 | 226 | 340 | 69 | ..... | 29 |
| Totals | | | 31,606 | 26,673 | 2,628 | 24,045 | 6,402 | 1,510 | 17,897 | 13,876 | 12,797 | 18,161 | 8,512 | 2,259 | 7,496 |

One hundred and three extra vaccine physicians performed 190,377 vaccinations, making a grand total of 217,050, of which number 17,864 were primary. The cost of vaccination was as follows: Salaries of the Regular Vaccine Physicians, $3,600; Salaries of 103 Extra Physicians, 11,804.46; Vaccine Virus, 16,977.13. Total, $32,381.59, averaging 14 9-10 cents per vaccination.

A. R. CARTER, *Secretary Health Department.*

HEALTH DEPARTMENT,
CITY HALL, BALTIMORE.

By the kindness of Dr. Wm. C. Cutler, President of the New England Vaccine Company, Chelsea, Mass., I am enabled to present, in connection with my report, a very able and exhaustive paper on Small-pox and Vaccination.

Respectfully,

GEO. W. BENSON, M.D.,
*Commissioner of Health and Registrar.*

---

## SMALL-POX AND VACCINATION.

Among the many duties of vital importance which are executed under the authority of Health Departments, in all sections of the country, the enforcement of ordinances, to control the spread of contagious and infectious diseases, stands pre-eminent.

The leading scientific investigators and advanced medical minds of to-day are engaged upon theories and experiments, which, it is hoped, will eventually secure immunity from many epidemics, and place at the disposal of guardians of the public health the means of combating other dread diseases as successfully as the world-renowned discovery of Jenner has enabled them to check the ravages of small-pox, the most formidable and fatal of all the scourges that ever afflicted mankind.

The present generations have but a feeble conception of the extent to which this pestilence devastated communities prior to the eighteenth century, and it is not unimportant here to mention the antiquity of the disease, the histories and tradition of Eastern nations, particularly the Chinese and Hindoos, referring its commencement to the remote period of nearly fifteen hundred years before the Christian era.

The date of the first-recorded English case under the name of Variola is generally fixed at A. D. 907.

Records of historians and travellers, from the earliest ages, teem with dismal details of the destruction of human life by this contagion. Its awful visitations were common in Europe, Asia and Africa, as well as among the native tribes in North and South America.

The annual mortality from small-pox in England averaged about three thousand to each million of inhabitants. In France thirty thousand fell victims and perished each year. In the Russian empire it is reported to have been so malignant as to have cut off *two millions* of inhabitants in a single year. During the years from 1783 to 1799, inclusive, one-tenth of the entire death rate of Berlin was from this disease alone. Dr. Lettsom, of London, calculated that two hundred and ten thousand beings were, by this means, deprived of life annually in Europe.

In Ceylon its appearance caused whole villages to be abandoned. More than one hundred thousand Indians were destroyed by it in the province of Quito in one year.

It was no respecter of persons, for kingdoms and

empires were thrown into confusion by the death of crowned heads. Among its royal victims history mentions five descendants of Charles I., of Great Britain, viz:

Henry, Duke of Gloucester; Mary, Wife of the Prince of Orange, and mother of William III; Charles, Duke of Cambridge, in 1677; Mary, Queen of England, and wife of William III in 1694, and the Princess Mary Louisa in 1712. Also five descendants of Louis XIV of France, and in the same period Joseph I, Emperor of Germany, in 1711; Peter II, Emperor of Russia, in 1730; a Queen of Sweden in 1741; Henry, Prince of Prussia, 1767; Maximilian Joseph, Elector of Bavaria, in 1777.

Many severe attacks, not fatal, are also recorded. Macauley, the English historian, did not exaggerate when he called it "the most terrible of all the ministers of death," and said, in describing the ravages of the disease in the seventeenth century, just prior to the discovery of vaccination, "Small-pox was always present, filling the churchyards with corpses, leaving on those whose lives it spared the hideous traces of its power," for two-thirds of the pauper blind in England were made so by this cause.

The history of the practice of inoculating or engrafting the small-pox, as a means of preventing and modifying attacks of the same, is of interest, the method having been adopted quite extensively in European countries and America, but vaccination claims attention, as that is now the antidote *par excellence* of the variolous poison.

The discoveries of the Jenner, his experiments, the

use of the so-called Jennerian lymph for a period of nearly seventy years, the development of the Beaugency stock, and its important service in the epidemics of the past seventeen years, are familiar to all practitioners of medicine.

At present, the subject of vaccination is not before the public mind to any extent, the decreased prevalence of small-pox rendering any active thought or vigorous measures in regard to it apparently unnecessary. The United States is now comparatively free from the disease, but, in view of the constant danger that it may suddenly appear, the old axiom, "an ounce of prevention is better than a pound of cure," should not be forgotten.

That vaccination is the only preventive of small-pox very few at this time doubt.

That small-pox may, as an exception to the rule, attack a well vaccinated person, all must admit; for it is a matter of medical history, often repeated, that even small-pox may attack the same person twice and sometimes thrice.

This has been written upon very generally by many eminent observers before and since the discovery of vaccination.

Jenner mentions one hundred and thirty writers upon the subject, and alludes to the death of Louis XV, from a second attack of small-pox.

An interesting case was observed in the small-pox hospital in Boston in 1873. A patient, while convalescing from the disease, and filling temporarily the position of nurse, was again attacked, and proceeded

regularly through all its stages, being just as severe as the first. On recovering the second time, he was again exposed to and contracted the disease, making a series of three attacks in the course of eight months.

A similar case is noted as occurring in a small-pox hospital in San Francisco in 1876.

These and many hundred similar cases lead to the conclusion that the disease occurs after vaccination no more frequently than small-pox repeats itself in the same individual. It should be remembered, however, that in the former the field for present observations and the existence of the exceptions are greater, since a large proportion of the population have been protected by vaccination, while but few have had the protection of true variola.

There exists in the system of all persons, to a greater or less degree, an undefined element-principle, which may be called the pabulum upon which the disease germ of small-pox subsists. All the protection known to science consists in the destruction and elimination of this element. The vaccine germ subsists upon and consumes it, as well as variola.

Dr. Lionel S. Beale, the eminent microscopist and pathologist, states that "vaccine lymph" which has just been removed from the growing vesicle, will be found to contain a great number of extremely minute particles of bioplasm, which may well be seen under a power magnifying from one thousand to two thousand diameters. In vaccine lymph, which has been kept for some time in glass tubes, multitudes of very minute particles are observed, and these exhibit the most active molecular movements. These particles have

often been termed *debris,* and have been regarded as unimportant elements of lymph. To them the active properties of the lymph are entirely and solely due. The germinal particles in all cases are, without doubt, the active agents. These little particles could not be distinguished from the minute particles of pus or other germs of living germinal matter, and I think they consist of a peculiar kind of living matter, the smallest particle of which, when supplied with its proper pabulum, will grow and multiply, giving rise to millions of little particles like itself, each having similar properties and powers. Such living germs may pass from the organism on which they grow to another, and will grow and multiply there if they meet the proper pabulum. The only condition in which matter is known to exhibit these powers of self-multiplication is the living state."

It is evident that in many people this pabulum is slowly reproduced, in others rapidly.

The primary, infantile vaccination of some continue to protect them through life. This seems peculiar to whole families, while other systems respond to exposures to vaccinia or variola in some degree as frequently as once in ten years. Such people should attend to vaccination very often.

In primary vaccinations, running a normal course, a slight papular elevation will be observed about the third day. In exceptional cases it may be seen upon the evening of the second day. On the fifth or sixth day it become a distinct vesicle of a pearly color, with edges a little elevated. This is always found to be cellular, and by the eighth day has attained its height

and is filled with clear lymph, its elevated margin and depressed centre being more marked. About this time the commencement of umbilication is observed, the result of the lymph contained in the central cells drying first. The areola or pink circle around the vesicle begins to be more prominent and continues to extend for two or three days, being attended by more or less induration and swelling of the axillary glands. After the tenth day the areola begins to fade, and by the fourteenth day a hard, brown scab has formed, which, if left to nature, falls from the twentieth to the twenty-seventh day, leaving in many cases a depressed, foveolated scar, having small pits or apparent pin holes in its centre. This latter condition does not always exist and cannot be looked upon as a positive rule in practice. The areola and constitutional symptoms are the only sure conditions warranting a favorable decision. This is the usual course of a normal vaccination. Should, however, the action of the lymph be delayed, even till the eighth day before any sign of vesication takes place, and then go regularly through its course, it does not change the protective nature of the vaccination. There may occur many deviations from the normal course of the vaccine disease.

First, it should be known that secondary vaccinations run through the various stages of development in a much shorter time, so that the areola may be well marked and nearly at its full upon the sixth, seventh or eighth day.

It is not unusual for this to extend far below the elbow and even to the wrist, giving rise to the often reported instances of erysipelas. Many of the older

vaccinators called this erysipelas, but, according to later observations, the constitutional symptoms of that disease, such as rigors, high temperature, pulse and duration of time, are seldom found present, and the conclusion that the case is simply erythema can usually be formed.

True erysipelas will, in a certain very small proportion of cases, follow vaccination, regardless of the purity of the lymph which may have been used, or the pains the surgeon may have taken in applying it. The history of vaccination has always furnished reports of such cases.

Vaccine roseola or lichen is so often met with in the practice of all physicians that it hardly needs to be mentioned in this connection.

Vaccine exanthema, or general eruption, is either erythematous, lichenoid or vesicular in form, and is recognized by all experienced vaccinators, but it has often puzzled young physicians, and given rise, no doubt, to dire apprehensions of approaching variola, blood-poisoning, and the thousand and one frightful sequences of vaccination so often read of in the secular press as occurring in some part of the country, always many miles distant.

These eruptions are likely to appear on or about the tenth or eleventh day, and remain from two to three days. They can be classed with the general constitutional symptoms of the vaccine disease. I have observed that lymph producing these conditions can be relied upon to retain its vitality much longer than ordinary, and is sometimes found viable after the lapse of six or eight months.

Another apparent deviation from the normal course of the vesicle is often met with in cases of intense inflammation, resulting in ulceration, many times indolent and slow in healing.

It would seem, by the recent writings of some authors, that this must be a condition entirely due to the character of the lymph introduced, and a certain evidence of impurity, but, when the works of older vaccinators are examined, it is shown that at no time in the history of the practice of vaccination has the surgeon escaped these occasional results. Such developments will occur as exceptions to the rule, while injury to the maturing pustule, personal idiosyncrasies of the patient, and, without doubt, the use of virus prolific in vaccine germs, are among the common causes of degenerating vesicles.

Lymph which is most active, possessing the greatest number of vaccine germs, will invariably produce a confluent vesicle, which will naturally be attended with more intense inflammation and local temperature, sometimes resulting in a destruction of the surrounding tissues, followed by ulceration and sloughing. This condition readily yields to mild, stimulating local treatment, with due attention to cleanliness.

It is this form of development which always leaves a large, deep, shining scar, with none of the characteristic indentations or pits so commonly mentioned as proof of a perfect cicatrix. It may be well to observe that, however distinct the character of the resulting scar may show as evidence of a perfect vaccination, it is not conclusive that the smooth, deep, shining mark may not and does not frequently exist after an equally

good and protective vaccination, and the vaccinator would not be warranted in pronouncing such a patient unprotected; for it is certain that the areola and constitutional symptoms afford the only positive evidence of perfect results.

Much has been said and written concerning a certain peculiar, eccentric action of animal lymph, described as "raspberry mark or excrescence," "red papule," "nævus," etc. Little can be said of this other than that it is not a condition met with only by the modern vaccinators, or existing only in cases where animal lymph has been used, as it was well known to the earlier vaccinators, and followed the use of humanized as well as bovine vaccine virus.

I observed it often during the extensive vaccinations of 1872–3. It seems to be an exuberant granulation, stimulated, no doubt, by the peculiar nature of the lymph when applied to the corium. It is needless to say that such lymph does not possess the vaccine germs in an active condition, and the results are irregular and unprotective.

A very rare, and, to the physician, interesting, case of eccentric action of animal vaccine virus occurred in a ward in Boston in 1882, and since no parallel can be found in any ancient or modern writings upon this subject, it seems to be of sufficient importance to report in this connection:

On March 6th, 1882, I was invited by Dr. J. H. McCollom, the City Physician of Boston, to visit with him a peculiar, exceptional case of general eruption, which had been reported to the local Board of Health, for prudential reasons, the attending physician being

naturally somewhat perplexed in making his diagnosis, as some of the distinctive characteristics of variola seemed to be present.

Upon examination, I found a nursing infant about six months old suffering with general vaccinia, contracted through the medium of lactation. The history of the case is as follows:

The mother of the child was vaccinated by Dr. J. T. Harris, of Roxbury District, on February 13th, '82, with bovine virus of my production. It being secondary, the vaccination developed early, so that on the fifth day she suffered from the usual symptoms, headache, backache and fever, and on the sixteenth day the slight crust had fallen.

The infant whose head, face, arms and legs were covered with eczema, crusta lactea, had never been vaccinated, the physician fearing an aggravation of the humour from complication with the vaccination. On March 2d and 3d an eruption appeared on the head, thorax and limbs of the child, who had been feverish and restless for two or three days preceding.

The pimples were very numerous, increased in size, and on the fifth day vesicles, more or less filled with lymph, had formed and were commencing to umbilicate. On portions of the body and particularly the lower surfaces of the forearms and legs below the knees, they appeared confluent, on other parts discrete and characteristic in every particular of true vaccinia, each vesicle being perfectly circular in form and attended with an areola.

There must have been four or five hundred well

defined vesicles upon the child during the course of the disease. They began to umbilicate at the proper time, and finally assumed the peculiar, mahogany color of a vaccine crust.

These scabs were gradually rubbed off, and by the seventeenth day very few remained. There was no subsequent pitting.

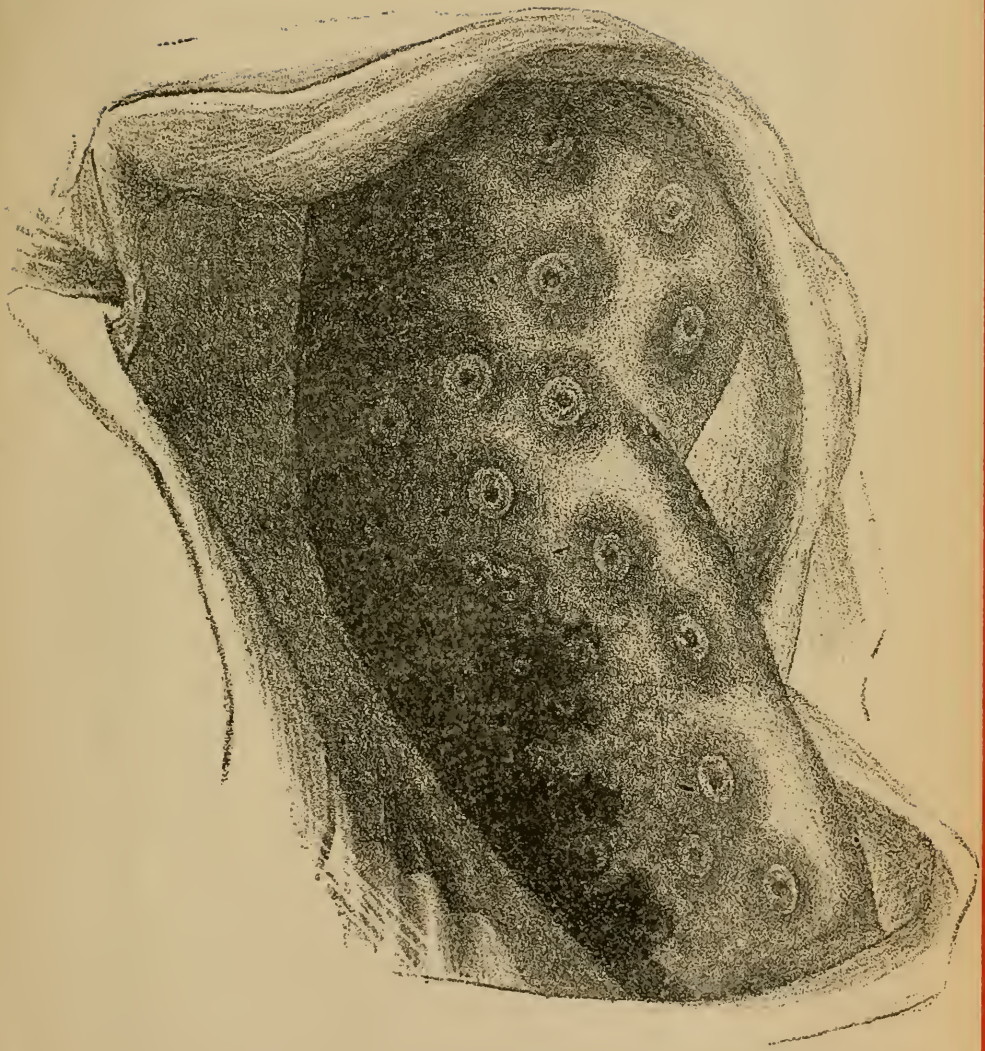
There could not have been an accidental vaccination from the mother in this case, as her vesicle was unbroken, and there was no possibility that virus could have been introduced at so many points.

The accompanying drawing, from a photograph of the left arm, which I caused to be taken, gives a good idea of the appearance of the eruption.

So positive was I that it was genuine cow-pox, transmitted through the medium of the mother's milk, that I gathered some of the lymph upon ivory points and inserted it in a fine young heifer, which in eight days developed into very fine, typical vesicles, yielding an abundant supply of lymph, apparently of good quality; but I did not attempt to submit a human being to vaccination with this virus. I had several of the crusts, but did not experiment with them.

Nearly all the older writers believed that the disease called grease in the horse, horse-pox and cow-pox were all analogous to human small-pox, and whatever pathological differences appeared in the nature of the disease in the several forms, were entirely due to its existence in equine and bovine animals, modifying its characteristics.

Animal vaccinators, however, in modern times, and in



the United States, as far as I have learned, hold entirely opposite views, and, I think, with evident reason, since most of them have taken advantage of opportunities to test the question by making repeated unsuccessful efforts to reproduce variola in the animal or produce vaccinia from variolous lymph.

In 1873, having, at that time, charge of a small-pox hospital, I had ample means for securing variolous lymph from all stages of the disease, and made five attempts to reproduce it by inoculating as many selected young heifers, failing in each case save one, and in that producing a pock corresponding in some respects to a variolous pustule, but without an areola, and yielding a little inert fluid only. Such, I think, has been the experience of other vaccinators who have made similar trials in this country.

The reason given by some authorities for these failures, seems to be in the stated fact that the majority of cases attempted have failed, but that rarely one has succeeded. If, however, as was claimed, animals so easily contracted the disease casually, it is a question why, at least, a small percentage of recent careful inoculations were not successful.

I consider it a positive fact that vaccinia cannot be produced by inoculating the bovine animal with the virus of small-pox. Pathologically, the diseases are apparently distinct, the vesicle of variola consisting of a single cell, while that of vaccinia is multilocular. In vaccinia the vesicle commences to umbilicate as soon as it is formed, which is not the case in variola.

The positive effects of thorough and efficient vaccination are never so well demonstrated as when the pro-

fession, working in harmony with the citizens in a scourge-besieged city, become thoroughly aroused to the emergency and labor with a will and determination, as was the case in Baltimore in 1882, Boston in 1873, and Washington in 1880. The final results are so conclusive that there should be no skepticism as to the protective value of vaccination, and it is surprising that such a boon to mankind should have a single opponent.

Let the profession honor the memory and aid in developing the principles introduced by one of the world's greatest discoverers—the immortal Jenner.

Wm. C. Cutler, M.D.

TABLE No. 12.

# Meteorological Summary for the Year 1883.

FROM SIGNAL SERVICE RECORDS.

## PRESSURE.

Mean Barometer.....30.107 inches, .039 above normal.
Highest " .....30.817 " on February 2d.
Lowest " .....29.378 " on May 21st.
Range of " ..... 1.439 "

## TEMPERATURE.

Mean Temperature.....55.1 degrees, 0.8 below normal.
Highest " .....96 " on July 22d.
Lowest " .....11 " on January 23d.
Mean Winter (1882 and 1883) Temperature, 36.0 degrees, 3.9 degrees below that of 1881 and 1882, and only 0.6 below normal.
Mean Spring Temperature 51.8 degrees, 1.9 degrees below normal.
" Summer " 74.8 " 1.3 " " "
" Autumn " 56.9 " 0.3 " " "

## RAINFALL.

Rain or snow fell on 155 days, measuring 40.52 inches, a deficiency of 1.53 inches from normal. The greatest monthly precipitation occurred in June, (8.08 inches); the least in May, (1.22 inches).

## WINDS.

Prevailing direction of wind, northwest.
Highest velocity of wind 28 miles per hour, March 11th, 20th; April 5th, and November 12th.
Mean velocity of wind 5.7 miles per hour.
Total movement of wind 49,989 miles.

## HUMIDITY.

Mean Relative Humidity 66.4 per cent.
First heavy frost of season, November 13th.
First snow of season, December 17th.

GEORGE W. FELGER,
*Sergeant Signal Corps, U. S. A.*

## TABLE No. 13.

*Vital Statistics of the City of Baltimore for the year* 1883.

| | |
|---|---|
| Population by U. S. Census, taken June, 1880—white 278,487, colored 53,703, total | 332,190 |
| Population estimated by police census, taken middle of May, 1882—white 348,900, colored 59,620, total | 408,520 |
| Marriages reported during the year 1883 | 3,448 |
| Births " " " | 7,904 |
| Still births " " " | 701 |
| Total number of deaths—white, United States 5,744; white, foreign 1,331, colored, United States 2,255, total | 9,380 |
| Annual death-rate per 1,000 of the whole population | 22.93 |
| " " " " white " | 20.41 |
| " " " " colored " | 37.58 |
| Annual marriage-rate per 1,000 of population | 8.43 |
| " birth " " " | 19.32 |
| " still birth " " " | 1.71 |
| Total deaths from small-pox | 633 |
| " " measles | 130 |
| " " scarlatina | 334 |
| " " diphtheria | 591 |
| " " croup | 201 |
| " " whooping-cough | 59 |
| " " typhoid fever | 126 |
| " " typhus fever | 2 |
| " " typho-malarial fever | 48 |
| " " cerebro spinal fever | 42 |
| " " phthisis pulmonalis | 1,272 |
| " " pneumonia | 572 |
| " " bronchitis | 129 |
| Total deaths of children under 5 years of age | 4,062 |
| Percentage of deaths of children under 5 years of age, to total mortality | 43.30 |

TABLE No. 13—Concluded.

*Diarrhœal Diseases.*

| | |
|---|---|
| Total deaths of children under 5 years of age | 608 |
| Total deaths of all ages | 767 |
| Total deaths from zymotic diseases | 3,513 |
| Percentage of deaths from zymotic diseases, to total mortality. | 37.42 |

*Diseases of the Puerperal State.*

| | |
|---|---|
| Total deaths from puerperal fever | 18 |
| " " " convulsions | 10 |
| " " " metritis | 1 |
| " " " peritonitis | 10 |
| " " " mania | 3 |
| " " " septicæmia | 11 |
| " " child birth | 14 |
| " " miscarriage | 2 |
| " " post partem hemorrhage | 2 |
| " " embolism | 1 |

A. R. CARTER,
*Secretary Health Department.*

TABLE No. 14.

*Annual Report of Deaths from all Causes in the City of Baltimore for the year* 1883.

| Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Abscess, Abdominal .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " Axillary..... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| " Brain..... .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 | 2 |
| " Liver..... .... | .... | .... | .... | 1 | 1 | .... | .... | .... | .... | 1 | .... | .... | 3 |
| " Navel..... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " Psoas..... .... | .... | 1 | .... | .... | .... | .... | 1 | .... | 2 | .... | .... | 1 | 5 |
| " Pelvic..... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 | 2 |
| " Popliteal.. .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| " Lumbar..... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Apoplexy..... | 18 | 7 | 16 | 16 | 7 | 14 | 10 | 10 | 11 | 8 | 11 | 11 | 139 |
| Arthritis..... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 2 |
| Ascites..... | 1 | 1 | .... | 1 | 2 | 1 | 2 | .... | .... | .... | 2 | 3 | 13 |
| Asphyxia..... | 3 | 3 | 2 | 2 | 3 | 1 | .... | 1 | 1 | 1 | 1 | 1 | 19 |
| Asthma..... | 3 | 4 | 3 | 4 | 2 | 3 | 2 | 2 | 2 | 1 | 3 | 5 | 34 |
| Asthenia..... | 9 | 5 | 6 | 4 | 2 | 6 | 4 | 6 | 3 | 7 | 5 | 6 | 63 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Albuminuria | | 1 | | 1 | 1 | | 2 | 2 | | | | 2 | 9 |
| Adynæmia | | 1 | | | | | | | | 1 | | | 2 |
| Aneurism of Aorta | | | 1 | 1 | | 1 | 1 | | | 1 | 2 | 2 | 9 |
| " " Abdomen | | | 1 | | | | | | | | | | 1 |
| " " Right Subclavian Artery | | | | | | | | | | | 1 | | 1 |
| Angina Pectoris | | | 2 | 1 | 1 | | 1 | | | 1 | 1 | | 7 |
| Adenitis | | | 1 | | | | | | | | | | 1 |
| Anæmia | | | | 1 | 1 | 1 | | | | | | | 3 |
| Atelectasis Pulmonum | | | | | 2 | | | | | | 1 | | 3 |
| Addison's Disease | | | | | 1 | | | | | | | 1 | 2 |
| Acute Yellow Atrophy of Liver | | | | | | | 1 | | | | | | 1 |
| Atrophy of Liver | | | | | | | | 1 | | | | | 1 |
| Aneurism of Heart | | | | | | | | | | | | 1 | 1 |
| Bright's Disease | 12 | 5 | 19 | 9 | 5 | 10 | 7 | 1 | 11 | 13 | 9 | 14 | 115 |
| Basedow " | | | | 1 | | | | | | | | | 1 |
| Burns | 4 | 3 | 3 | 4 | 2 | 1 | | 2 | | 2 | 3 | 2 | 26 |
| Bronchorrhoea | | | | | | | | | | | 1 | 1 | 2 |
| Cancer of Abdomen | | | 2 | | | | | | 1 | | 1 | | 4 |
| " " Breast | 2 | 6 | 3 | 2 | 1 | 2 | 2 | 3 | 1 | 3 | 2 | 3 | 30 |
| " " Bladder | | 1 | | | | | | | | | | | 1 |
| " " Colon | | | | | | | | | | | 1 | | 1 |
| " Diffused | | | 1 | | | | | | 1 | | | 1 | 3 |
| " " Duodenum | | | | | | | | 1 | | 1 | | | 2 |

TABLE No. 14—Continued.

| Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cancer Epithelial | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 1 | .... | 2 |
| " of Face | 1 | .... | .... | .... | .... | 1 | 1 | 1 | .... | .... | .... | .... | 4 |
| " " Groin | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " " Heel | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 1 |
| " " Lip | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " " Liver | .... | 1 | 3 | .... | 2 | 3 | 2 | .... | .... | 1 | .... | 1 | 13 |
| " " Lower Jaw | .... | 1 | .... | 1 | .... | .... | .... | .... | .... | .... | 1 | .... | 3 |
| " " Left Lung | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 1 |
| " " Mesentery | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " " Mouth | .... | .... | .... | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | 2 |
| " " Munditorum | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| " " Neck | .... | .... | 2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 |
| " " Omentum | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " " Oesophagus | .... | .... | .... | .... | .... | 1 | .... | .... | 1 | .... | .... | .... | 2 |
| " " Penis | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 |
| " " Pancreas | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 1 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cancer of Pylorus | | | | | | 1 | | | | | | | 1 |
| " " Parotid Gland | | | | | | | | | | 1 | | | 1 |
| " " Rectum | | | 2 | | | 1 | 1 | 1 | | 1 | 1 | | 7 |
| " Retro Peritoneal | | | | | | | | | | 1 | | | 1 |
| Cancer of Stomach | 1 | 3 | | 2 | 4 | 3 | 1 | 4 | 4 | | | 2 | 24 |
| " " Spleen | | | | | | | | | 1 | | | | 1 |
| " " Socket | | | | | | | | | | | 1 | | 1 |
| " " Throat | | | 1 | | | | | | | | | | 1 |
| " " Tongue | | | | | | 1 | | | | | | | 1 |
| " " Thigh | | | | | | 1 | 1 | | | | | | 2 |
| " " Uterus | 2 | 2 | 5 | 2 | 4 | 5 | 3 | 3 | 4 | 3 | 1 | 9 | 43 |
| " " Ventricular | | 1 | | | | | | | | | | | 1 |
| " " Larynx | | | | | | | | | | | | 1 | 1 |
| Capillary Bronchitis | 10 | 8 | 8 | 4 | 2 | 1 | | | | 2 | 3 | 6 | 44 |
| Child Birth | 3 | | 2 | | 3 | | 1 | 2 | | | 1 | 2 | 14 |
| Cholera Infantum | 1 | | | | 2 | 50 | 264 | 107 | 40 | 8 | 1 | | 473 |
| " Morbus | 1 | | 1 | | 1 | 1 | 7 | 5 | | | | 1 | 17 |
| Cirrhosis of Liver | 3 | 1 | 1 | 1 | 3 | 3 | | | 2 | 2 | | 3 | 19 |
| " " Kidneys | 1 | | | | | | | | | | | | 1 |
| Congestion of Brain | 7 | 4 | 5 | 6 | 5 | 8 | 9 | 2 | 8 | 6 | 4 | 7 | 71 |
| " " Bowels | | | | | | | | | 1 | | | | 1 |
| " " Lungs | 7 | 10 | 6 | 5 | 1 | 5 | 6 | 2 | 6 | 5 | 3 | 22 | 78 |
| " " Liver | | | 1 | | | 1 | 1 | | | | 1 | | 4 |
| " " Stomach | | | | | | | | | | 1 | | | 1 |

TABLE No. 14—Continued.

| Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Consumption of Lungs.. | 118 | 107 | 143 | 98 | 108 | 112 | 83 | 95 | 103 | 88 | 105 | 112 | 1272 |
| " " Bowels . | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 |
| Convulsions . | 31 | 43 | 39 | 29 | 28 | 43 | 42 | 24 | 30 | 25 | 23 | 31 | 388 |
| " Puerperal .. | 1 | .... | 2 | .... | 1 | 2 | 1 | .... | .... | 2 | 1 | .... | 10 |
| Croup . | 18 | 20 | 25 | 11 | 10 | 5 | 6 | 8 | 16 | 24 | 20 | 38 | 201 |
| Cyanosis . | 2 | 2 | 5 | 1 | 2 | 2 | .... | .... | 1 | .... | 4 | 2 | 21 |
| Colic . | .... | 1 | 1 | .... | .... | 1 | .... | 1 | 1 | .... | .... | .... | 5 |
| Calculus . | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Concussion of Brain. | .... | .... | 1 | 1 | 1 | 1 | 2 | .... | 2 | .... | 1 | 2 | 11 |
| Compression of Brain ... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Congestive Chill . | .... | .... | 1 | .... | .... | .... | .... | 1 | 3 | .... | 1 | .... | 6 |
| Catarrh . | .... | .... | .... | .... | 1 | 1 | .... | .... | 2 | 1 | .... | .... | 5 |
| " Bronchial . | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 2 |
| " Intestinal. | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 2 |
| " Nasal . | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 |
| " Pulmonary . | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 1 | .... | 2 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Catarrh Gastro-Intestinal | | | | | | | | 1 | 2 | 1 | | | 4 |
| Caries of Spine | | | | | 1 | | | | | | | | 1 |
| Cramps | | | | | 1 | | | | | | | | 1 |
| Collapse | | | | | | 1 | | | | | | 1 | 2 |
| Cleft Palate | | | | | | | 1 | | | | | | 1 |
| Cholerine | | | | | | | 1 | | | | | | 1 |
| Cardialgia | | | | | | | | 1 | | | | | 1 |
| Carbuncle | | | | | | | | | 1 | | | | 1 |
| Coxalgia | | | | | | | | | | | | 1 | 1 |
| Disease of Heart | 29 | 31 | 35 | 26 | 31 | 34 | 26 | 23 | 33 | 23 | 18 | 41 | 350 |
| " " Kidneys | | | 1 | | | | | | | | | | 1 |
| " " Liver | | 1 | | 3 | 1 | 1 | | | | 2 | 3 | | 11 |
| " " Lungs | | | | | | | 1 | | | | | | 1 |
| " " Spine | | 1 | | 1 | | | | 1 | 1 | 2 | | 1 | 7 |
| Dropsy, Abdominal | | | | 1 | | 1 | | | | | | | 2 |
| " General | 5 | 7 | 6 | 6 | 6 | 3 | 5 | 2 | 7 | 5 | 3 | 2 | 57 |
| " Cardiac | | 1 | | 3 | | 3 | 2 | 2 | | | | 3 | 14 |
| " Hepatic | | | | 1 | | | | | | | | | 1 |
| " Ovarian | | | | | | 1 | | | | | 1 | | 2 |
| Drowned | 1 | | 2 | 4 | 5 | 7 | 14 | 9 | 5 | 3 | 3 | 2 | 55 |
| Dentition | 6 | 3 | 8 | 7 | 4 | 6 | 18 | 14 | 14 | 6 | 1 | 4 | 91 |
| Delirium Tremens | 2 | | | | 1 | | | | | | | | 3 |
| Diphtheria | 77 | 64 | 58 | 41 | 33 | 35 | 30 | 32 | 61 | 62 | 51 | 47 | 591 |
| Debility | 1 | | | 1 | | 2 | | | 3 | | | | 7 |
| Dysentery | | 1 | | 2 | 2 | 4 | 9 | 12 | 9 | 8 | 4 | 1 | 52 |

TABLE No. 14—Continued.

| Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diabetis | .... | .... | .... | 1 | .... | 2 | .... | 1 | 2 | 1 | .... | 2 | 9 |
| Dyspepsia | .... | .... | .... | .... | .... | 1 | 2 | .... | .... | 1 | 1 | .... | 5 |
| Diarrhœa | 1 | .... | 2 | 3 | 3 | 12 | 19 | 11 | 12 | 6 | 7 | 7 | 83 |
| Endo Carditis | 1 | 1 | 3 | .... | .... | 1 | .... | .... | 1 | .... | .... | .... | 7 |
| Epilepsy | 1 | 4 | .... | 4 | .... | 2 | .... | 1 | 3 | 1 | .... | 2 | 18 |
| Erysipelas | 5 | 3 | 3 | 3 | 4 | 1 | 1 | 1 | 2 | .... | 6 | 3 | 32 |
| Enlargement of Liver | 1 | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 2 |
| Empyema | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 2 |
| Eczema | .... | 2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 |
| Exposure | .... | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 |
| Entero Colitis | .... | .... | 2 | 1 | .... | 4 | 11 | 2 | 6 | 3 | 2 | .... | 31 |
| Epstaxis | .... | .... | .... | 1 | .... | .... | .... | 2 | .... | .... | 1 | 2 | 6 |
| Effusion of Brain | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 |
| Embolism | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 1 |
| Fever Bilious | .... | .... | .... | .... | 1 | .... | .... | 1 | .... | 1 | .... | .... | 3 |
| " Catarrhal | 1 | .... | 3 | .... | .... | .... | .... | .... | 1 | .... | 2 | .... | 7 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fever Congestive | .... | .... | .... | 1 | 2 | 1 | .... | .... | .... | .... | .... | .... | 4 |
| " Continued | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 |
| " Gastric | .... | .... | .... | .... | .... | .... | .... | 1 | 1 | 1 | .... | .... | 3 |
| " Intermittent | 1 | .... | 1 | 3 | 1 | .... | .... | .... | 5 | 1 | 1 | .... | 13 |
| " Malarial | 3 | 3 | 1 | 2 | 1 | 7 | 2 | 3 | 7 | 6 | 4 | 4 | 43 |
| " Puerperal | 1 | 3 | 5 | 1 | 3 | 1 | .... | .... | 1 | 2 | 1 | .... | 18 |
| " Pathogenic | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 |
| " Remittent | 1 | .... | .... | .... | 3 | 2 | 1 | 1 | 1 | 1 | .... | 1 | 11 |
| " Scarlet | 28 | 37 | 37 | 28 | 39 | 37 | 19 | 22 | 37 | 13 | 22 | 15 | 334 |
| " Typhoid | 12 | 7 | 4 | 5 | 3 | 4 | 6 | 19 | 20 | 14 | 23 | 9 | 126 |
| " Typhus | .... | 1 | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 2 |
| " Typho Malarial | 3 | 1 | 2 | 3 | 3 | 1 | 2 | 2 | 9 | 5 | 10 | 7 | 48 |
| " Brain | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Fracture of Arms | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " " Leg | 1 | .... | 1 | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 3 |
| " " Ribs | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " " Thigh | 1 | 1 | .... | .... | .... | .... | .... | .... | 1 | .... | 1 | .... | 4 |
| " " Skull | 1 | 3 | .... | 1 | 1 | 1 | .... | .... | 4 | 1 | 5 | 3 | 20 |
| " " Spine | .... | 1 | .... | .... | .... | .... | 1 | 1 | .... | .... | .... | .... | 3 |
| Fistula in Ano | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| Fracture of Wrist | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Gangrene of Foot | 1 | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 2 |
| " " Lungs | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " " Leg | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 1 |
| " " Stomach | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |

TABLE No. 14—Continued.

| Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gangrene Senile | 1 | 2 | 1 | .... | .... | .... | .... | .... | .... | .... | 1 | 2 | 7 |
| Gastro Enteritis | 2 | 2 | 1 | 2 | 3 | 6 | 10 | 10 | 2 | 5 | 2 | 3 | 48 |
| " Duodenitis | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Gout | .... | .... | .... | .... | .... | 1 | .... | 1 | .... | .... | .... | .... | 2 |
| Gall Stone | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 |
| Granular Kidney | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Hemorrhage of Brain | 1 | .... | 1 | 1 | 1 | .... | 1 | .... | .... | 1 | .... | 1 | 7 |
| " " Bowels | .... | .... | .... | .... | .... | 1 | 1 | 1 | 1 | 3 | 3 | .... | 10 |
| " " Lungs | 4 | 1 | 1 | .... | 3 | .... | 2 | 5 | 4 | 1 | 1 | 4 | 26 |
| " " Liver | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 |
| " " Lip | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 |
| " " Stomach | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " " Navel | .... | 2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 |
| " " Uterus | .... | .... | .... | 1 | .... | 1 | .... | 1 | .... | .... | 1 | .... | 4 |
| " Post Partem | .... | .... | .... | .... | .... | .... | 1 | 1 | .... | .... | .... | .... | 2 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Heart Clot | 2 | | | | | | | | | | | | 2 |
| Hernia Strangulated | | 2 | 1 | | 1 | | | 1 | 4 | | 1 | 1 | 11 |
| Hydrocephalus | | 2 | 1 | 2 | 6 | 3 | 6 | 4 | 7 | 4 | 2 | 2 | 39 |
| Herpes Zoster | | | 1 | | | | | | | | | | 1 |
| Haematuria | | | | | 1 | | | | | | | 1 | 2 |
| Heat Prostration | | | | | | 1 | 3 | | | | | | 4 |
| Haematemesis | | | | | | 1 | | | | | | 1 | 2 |
| Haemoptysis | | | | | | | 1 | 1 | | | | | 2 |
| Hair Lip | | | | | | | 1 | | | | | | 1 |
| Hydrothorax | | | | | | | | | 1 | | 2 | 1 | 4 |
| Haemophilia | | | | | | | | | | | | 1 | 1 |
| Inflammation of Brain | 2 | | 2 | 4 | 5 | 6 | 5 | 1 | 3 | 4 | 1 | 2 | 35 |
| " " Bladder | 1 | 1 | 1 | | | 1 | | | 1 | | | 1 | 6 |
| " " Bowels | 3 | 1 | 2 | 3 | 3 | 3 | 14 | 11 | 8 | 10 | 2 | 2 | 62 |
| " " Bronchi | 16 | 8 | 13 | 14 | 15 | 5 | 8 | | 6 | 7 | 20 | 17 | 129 |
| " " Kidneys | 4 | 1 | | 1 | 1 | 2 | 1 | 1 | 1 | | 3 | 1 | 16 |
| " " Liver | 3 | | 1 | | 1 | 1 | | 1 | 2 | 1 | | 2 | 12 |
| " " Larynx | | 1 | 4 | 1 | 2 | 2 | | | 1 | | 2 | 3 | 16 |
| " " Pericardium | 1 | 2 | 2 | 1 | | 1 | | | 2 | 1 | 1 | 2 | 13 |
| Inflammation of Peritoneum | 5 | 4 | 4 | 4 | 8 | 2 | 3 | 3 | 3 | 4 | 3 | 4 | 47 |
| Inflammation of Pleura | | 3 | 4 | 2 | | 4 | | | 3 | 1 | | 2 | 19 |
| " " Stomach | 2 | 6 | 9 | 6 | 4 | 12 | 10 | 4 | 9 | 4 | 4 | 3 | 73 |
| " " Tonsils | 5 | 1 | 1 | 1 | | 2 | | | 1 | | | | 11 |

TABLE No. 14—Continued.

| Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Inanition | 8 | 15 | 9 | 10 | 12 | 8 | 21 | 20 | 23 | 7 | 9 | 11 | 153 |
| Intemperance | 1 | 5 | 11 | 4 | 2 | 3 | .... | 2 | 2 | 5 | 5 | 2 | 42 |
| Indigestion | 1 | .... | .... | .... | .... | 1 | .... | .... | .... | 2 | 1 | 1 | 6 |
| Insanity | .... | 1 | 2 | .... | .... | .... | .... | 1 | 1 | .... | 1 | .... | 6 |
| Instrumental Labor | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Ileus | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Intussusception | .... | .... | .... | .... | 1 | 1 | 4 | 1 | 1 | .... | 2 | 2 | 12 |
| Infanticide | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 | .... | .... | 2 |
| Insolation | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 |
| Jaundice | 2 | .... | .... | 1 | 3 | 2 | 6 | 2 | 1 | .... | 1 | 1 | 19 |
| Lymphangitis | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Laporotomy | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 1 |
| Laceration of Foot | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 1 |
| Leucocythaemia | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Malformation | 4 | .... | 3 | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 8 |
| Marasmus | 11 | 16 | 26 | 16 | 12 | 24 | 31 | 35 | 40 | 20 | 11 | 16 | 258 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Measles | 3 | 2 | 4 | 5 | 6 | 19 | 23 | 12 | 8 | 3 | 8 | 37 | 130 |
| Meningitis | 14 | 8 | 17 | 11 | 12 | 19 | 11 | 13 | 16 | 8 | 10 | 9 | 148 |
| " Tubercular | 8 | 3 | 11 | 7 | 8 | 7 | 6 | 1 | 3 | 3 | 3 | 3 | 63 |
| " Cerebro spinal | 1 | 3 | 10 | 3 | 8 | 3 | 3 | 2 | 5 | 2 | .... | 2 | 42 |
| Murder | 1 | .... | .... | .... | .... | 1 | .... | 4 | 2 | .... | .... | 3 | 11 |
| Mal-nutrition | 4 | .... | 1 | .... | 3 | 1 | 2 | 2 | 2 | 1 | 1 | .... | 17 |
| Mollities Cerebri | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Malaria | .... | .... | 5 | .... | .... | 1 | 3 | .... | .... | 2 | .... | 2 | 13 |
| Metritis | .... | .... | 1 | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 2 |
| Miscarriage | .... | .... | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 2 |
| Myelitis | .... | .... | .... | .... | 1 | 1 | .... | .... | 1 | .... | .... | .... | 3 |
| Metrorrhagia | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 1 |
| Marasmophyra | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 1 |
| Menopause | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 |
| Malignant Pustule | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Metro Peritonitis | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Necrosis | .... | 1 | 1 | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 3 |
| Neurasthenia | .... | 1 | .... | .... | 2 | 1 | 1 | 1 | .... | .... | .... | 3 | 9 |
| Necraemia | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Noma | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Neuralgia | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 |
| Old Age | 26 | 16 | 31 | 26 | 20 | 24 | 22 | 18 | 15 | 23 | 10 | 28 | 259 |
| Oedema of Glottis | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " Lungs | 1 | 1 | 1 | .... | 1 | .... | 1 | .... | .... | 3 | .... | .... | 8 |
| Ozaena | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |

TABLE No. 14—Continued.

| Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Open Ductus Arteriosis | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Ovariotomy | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Otitis | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 |
| Oophorectomy | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| Oedema of Larynx | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Opium Habit | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Occlusion of Rectum | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Pneumonia | 64 | 49 | 83 | 72 | 47 | 42 | 17 | 9 | 28 | 29 | 34 | 65 | 539 |
| " Typhoid | 3 | 1 | 3 | 4 | 1 | 1 | .... | 1 | 1 | 2 | 1 | 6 | 24 |
| " Broncho | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 | 2 |
| " Pleuro | .... | .... | .... | 2 | .... | .... | .... | .... | .... | 2 | 2 | 1 | 7 |
| Puerperal Peritonitis | 1 | .... | 3 | 2 | 2 | 1 | .... | .... | .... | 1 | .... | .... | 10 |
| " Septicæmia | 2 | 2 | 1 | 4 | 1 | .... | .... | .... | .... | .... | .... | 1 | 11 |
| " Mania | .... | 2 | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 3 |
| " Metritis | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| Paralysis | 16 | 11 | 24 | 23 | 12 | 17 | 15 | 11 | 13 | 5 | 15 | 16 | 178 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Poison | 3 | | 2 | 1 | | 1 | | | | | 2 | 1 | 10 |
| Premature Birth | 10 | 6 | 9 | 8 | 14 | 11 | 11 | 15 | 13 | 12 | 10 | 13 | 132 |
| Pyaemia | 1 | | | 2 | | 1 | | | 3 | 1 | | | 8 |
| Pelvic Cellulitis | 1 | | | | 1 | 1 | 1 | | | | | | 4 |
| Pyelitis | 1 | | | | | | | | | | | | 1 |
| Prolonged Labor | 1 | 3 | 1 | 2 | | | | | | 2 | | | 9 |
| Passage of Gall Stone | | 1 | | | | | 1 | | | | | | 2 |
| Parotitis | | 1 | 1 | | | | | | | 1 | | | 3 |
| Purpura Haemorrhagica | | | 1 | | | 1 | 1 | | | | | | 3 |
| Progressive Locomotor Ataxia | | | 1 | | 1 | | | | | | | | 2 |
| Perityphlitis | | | | 1 | | | | | | | | | 1 |
| Pneumothorax | | | | | 1 | | | | | | | | 1 |
| Pharyngitis | | | | | | 1 | | 1 | | | | | 2 |
| Prostatitis | | | | | | | 1 | | | | | | 1 |
| Placenta Praevia | | | | | | | | | 1 | | | | 1 |
| Potts Disease | | | | | | | | | | | 1 | | 1 |
| Perimetritis | | | | | | | | | | | | 1 | 1 |
| Rheumatism | | | | | | | 1 | | | | 1 | | 2 |
| " Inflammatory | 1 | 2 | 1 | 5 | 1 | 1 | | 1 | 2 | 1 | 1 | 1 | 17 |
| Rheumatism of Heart | 2 | | 2 | 1 | | | | | 1 | | 1 | | 7 |
| Rachitis | 2 | | 1 | | | | | | | | | | 3 |
| Rupture of Anuerism | | | | | | | | | 1 | | | | 1 |
| " " Kidney | | | | | | | | | 1 | | | | 1 |

TABLE No. 14—Continued.

| Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rupture of Spleen | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 |
| " " Uterus | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| " " Varicose Vein | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Scalds | 1 | 1 | 1 | 1 | .... | 1 | 1 | .... | .... | 1 | 1 | .... | 8 |
| Scrofula | 2 | .... | 2 | 6 | 9 | 4 | 8 | 3 | 3 | 2 | .... | .... | 39 |
| Small-Pox | 329 | 194 | 65 | 28 | 12 | 4 | 1 | .... | .... | .... | .... | .... | 633 |
| Softening of Brain | 3 | 4 | 3 | 4 | 1 | 4 | 5 | 1 | 3 | 4 | 3 | 4 | 39 |
| Septicaemia | 1 | .... | 2 | 1 | .... | 1 | 5 | .... | 1 | 1 | .... | 2 | 14 |
| Stricture of Bowels | 1 | 1 | .... | 1 | 2 | .... | .... | .... | .... | 1 | 1 | .... | 7 |
| Suicide | 2 | 2 | 1 | 2 | 7 | 3 | .... | 2 | 1 | 3 | 1 | 2 | 26 |
| Syphilis | 2 | 3 | 3 | 2 | 4 | 4 | 1 | 1 | 2 | 2 | 1 | 4 | 29 |
| Stomatitis | .... | 1 | 1 | .... | .... | 1 | .... | .... | .... | .... | 1 | 2 | 6 |
| Starvation | .... | 1 | .... | .... | .... | 2 | .... | .... | .... | .... | .... | .... | 3 |
| Stricture of Oesophagus | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Sclerosis | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 2 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surgical, Kidney | | | | 1 | 1 | | | | | | | | 2 |
| Suppression of Urine | | | | | 1 | | 1 | | | | | | 2 |
| " " Menses | | | | | | | 1 | | | | | | 1 |
| Spina Bifida | | | | | | 1 | | | | | | | 1 |
| Sun Stroke | | | | | | | 1 | | 1 | | | | 2 |
| Sarcoma | | | | | | | 1 | | | | | | 1 |
| Suffocation by Gas | | | | | | | | 2 | 1 | 1 | 1 | 1 | 6 |
| Stenosis of Aorta | | | | | | | | | | 1 | | | 1 |
| Spinal Injuries | | | | | | | | | | 1 | | | 1 |
| Synivitis | | | | | | | | | | 1 | | | 1 |
| Tabes Mesenterica | 1 | | 1 | 1 | | | 4 | | 4 | 2 | | 1 | 14 |
| Tetanus | 2 | | 2 | 1 | 2 | 2 | 1 | 2 | 2 | | 2 | 3 | 19 |
| Trismus Nascentium | 3 | | | 2 | 1 | 2 | 1 | 5 | 7 | 4 | 3 | 2 | 30 |
| Tumor of Brain | 1 | | | 1 | | | | | | | | | 2 |
| " " Liver | | | | 1 | | | | | | | | | 1 |
| " Ovarian | 1 | | | 2 | | | 1 | 2 | | | 2 | | 8 |
| " Uterine | | | | | 1 | | | | | | | | 1 |
| " Abdominal | | | | | | | | | | | | 2 | 2 |
| Typhlitis | | | | | | | 1 | | | | | | 1 |
| Tumor Fibro Cystic | | | | | | | | | | | | 1 | 1 |
| Ulcer of Bowels | | 2 | | | | | | | | | 1 | 1 | 4 |
| " " Leg | 1 | | | | 2 | | | | | | | | 3 |
| " " Stomach | 1 | | | | | | 1 | | 2 | | | 3 | 7 |
| Uræmia | 1 | 1 | 3 | 2 | | | 3 | 3 | 1 | | 1 | 2 | 17 |
| Uræmic Apoplexy | | | 1 | | | | | | | | | | 1 |

TABLE No. 14—Continued.

| Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unknown, Adults | 1 | 4 | 2 | 1 | .... | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 18 |
| " Infants | 5 | .... | 5 | 8 | 2 | 9 | 4 | .... | 2 | 2 | 1 | 4 | 42 |
| Varicella | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| Vesicular Emphysema | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Whooping Cough | 3 | 1 | 5 | 1 | 2 | 5 | 4 | 7 | 5 | 4 | 7 | 15 | 59 |
| Wounds, Abdominal | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| " by Blow | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 1 |
| " " Cars | 1 | .... | 3 | .... | 2 | 3 | .... | .... | 3 | 2 | 2 | 4 | 20 |
| " " Fall | 4 | 3 | 6 | 4 | 3 | .... | 1 | 1 | .... | 1 | 1 | 1 | 25 |
| " " Pistol Shot | 1 | .... | 1 | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 3 |
| " Crushed | .... | .... | .... | .... | 1 | 2 | 1 | 3 | 1 | 2 | 1 | 2 | 13 |
| " Internal | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 1 |
| " Spinal | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 | .... | 2 |
| " Overlaid | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 1 |
| " of Hip | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| " Gun Shot | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |

TABLE No. 14—Continued.

| AGES. | Jan'ry. | Feb'y. | March. | April. | May. | June. | July. | Aug't. | Sept'r. | Oct'r. | Nov'r. | Dec'r. | Grand Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Under 1 year..... | 189 | 183 | 193 | 143 | 116 | 225 | 436 | 238 | 210 | 129 | 129 | 160 | 2351 |
| Between 1 and 2 years... | 114 | 85 | 89 | 55 | 53 | 62 | 82 | 73 | 91 | 57 | 38 | 82 | 881 |
| " 2 and 5 " ... | 119 | 92 | 76 | 58 | 53 | 57 | 63 | 48 | 73 | 59 | 57 | 75 | 830 |
| Total under 5 years..... | 422 | 360 | 358 | 256 | 222 | 344 | 581 | 359 | 374 | 245 | 224 | 317 | 4062 |
| Between 5 and 10 years. | 143 | 82 | 77 | 61 | 69 | 62 | 49 | 45 | 47 | 48 | 55 | 58 | 796 |
| " 10 and 15 " .. | 34 | 18 | 18 | 15 | 14 | 10 | 13 | 16 | 17 | 11 | 10 | 23 | 199 |
| " 15 and 20 " .. | 32 | 23 | 35 | 21 | 17 | 21 | 11 | 20 | 28 | 22 | 21 | 30 | 281 |
| " 20 and 30 " .. | 107 | 68 | 80 | 45 | 64 | 72 | 47 | 45 | 81 | 56 | 59 | 87 | 811 |
| " 30 and 40 " .. | 88 | 64 | 87 | 57 | 52 | 48 | 44 | 55 | 61 | 47 | 63 | 80 | 746 |
| " 40 and 50 " .. | 52 | 56 | 62 | 58 | 49 | 50 | 38 | 36 | 49 | 41 | 32 | 51 | 574 |
| " 50 and 60 " .. | 52 | 45 | 54 | 59 | 50 | 48 | 48 | 38 | 39 | 52 | 45 | 45 | 575 |
| " 60 and 70 " .. | 56 | 52 | 66 | 48 | 53 | 42 | 45 | 36 | 54 | 39 | 56 | 57 | 604 |
| " 70 and 80 " .. | 46 | 43 | 64 | 45 | 36 | 48 | 42 | 32 | 29 | 30 | 28 | 35 | 478 |
| " 80 and 90 " .. | 26 | 17 | 24 | 26 | 13 | 24 | 16 | 12 | 13 | 15 | 15 | 21 | 222 |
| " 90 and 100 " .. | 5 | 2 | 2 | 4 | 4 | 1 | 2 | .... | 4 | .... | 2 | 5 | 31 |
| " 100 and 110 " .. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| Totals..... | 1063 | 830 | 927 | 695 | 643 | 770 | 936 | 694 | 796 | 606 | 611 | 809 | 9380 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NATIVITY. | | | | | | | | | | | | | |
| United States—White.... | 651 | 473 | 547 | 393 | 368 | 473 | 604 | 454 | 525 | 391 | 362 | 503 | 5744 |
| " Colored.. | 282 | 229 | 241 | 189 | 160 | 176 | 232 | 146 | 167 | 112 | 141 | 180 | 2255 |
| Foreign ..... | 130 | 128 | 139 | 113 | 115 | 121 | 100 | 94 | 104 | 103 | 108 | 126 | 1381 |
| Totals ..... | 1063 | 830 | 927 | 695 | 643 | 770 | 936 | 694 | 796 | 606 | 611 | 809 | 9380 |
| Still Births ..... | 51 | 75 | 72 | 68 | 74 | 71 | 46 | 49 | 55 | 32 | 47 | 61 | 701 |
| WHITE. | | | | | | | | | | | | | |
| Males ..... | 388 | 310 | 344 | 267 | 245 | 307 | 354 | 276 | 318 | 282 | 245 | 323 | 3659 |
| Females ..... | 393 | 291 | 342 | 239 | 238 | 287 | 350 | 272 | 311 | 212 | 225 | 306 | 3466 |
| COLORED. | | | | | | | | | | | | | |
| Males ..... | 145 | 114 | 121 | 94 | 71 | 90 | 114 | 63 | 68 | 53 | 54 | 91 | 1078 |
| Females ..... | 137 | 115 | 120 | 95 | 89 | 86 | 118 | 83 | 99 | 59 | 87 | 89 | 1177 |
| Totals ..... | 1063 | 830 | 927 | 695 | 643 | 770 | 936 | 694 | 796 | 606 | 611 | 809 | 9380 |
| Marriages ..... | 314 | 224 | 234 | 290 | 289 | 288 | 221 | 260 | 307 | 289 | 370 | 362 | 3448 |
| Births (reported)..... | 673 | 653 | 743 | 572 | 521 | 717 | 543 | 655 | 723 | 743 | 653 | 708 | 7904 |

Population, estimated by police census to the middle of May, 1882, 408,520; White, 348,900; Colored, 59,620. Total Mortality during the year 1883, 9,380; United States, White, 5,744; United States, Colored, 2,255; Foreign, 1,381; Total, 9,380. Annual Death-rate, whole population, 22.93; Annual Death-rate, White population, 20.41; Annual Death-rate, Colored population, 37.58. Total Births reported, 7,904; Birth-rate, 19.32. Total Still Births, 701. Marriages, 3,448; Marriage-rate, 8.43.

A. R. CARTER, *Secretary Health Department.*

## Table No. 14—Concluded.

Total Number of Deaths Monthly in Each Ward.

| WARDS. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| First | 112 | 67 | 44 | 30 | 25 | 39 | 36 | 51 | 60 | 46 | 35 | 41 | 586 |
| Second | 110 | 78 | 54 | 44 | 44 | 63 | 67 | 45 | 58 | 37 | 38 | 50 | 688 |
| Third | 53 | 53 | 60 | 37 | 35 | 44 | 48 | 33 | 46 | 30 | 31 | 61 | 531 |
| Fourth | 36 | 16 | 55 | 28 | 26 | 41 | 46 | 24 | 21 | 27 | 23 | 47 | 390 |
| Fifth | 42 | 40 | 45 | 42 | 35 | 25 | 43 | 35 | 39 | 35 | 36 | 39 | 456 |
| Sixth | 58 | 56 | 59 | 26 | 36 | 49 | 67 | 49 | 47 | 20 | 32 | 36 | 535 |
| Seventh | 42 | 43 | 43 | 46 | 34 | 41 | 45 | 26 | 41 | 25 | 37 | 31 | 454 |
| Eighth | 31 | 27 | 46 | 35 | 43 | 36 | 43 | 36 | 30 | 25 | 30 | 39 | 421 |
| Ninth | 36 | 46 | 50 | 29 | 41 | 52 | 30 | 26 | 38 | 29 | 30 | 30 | 437 |
| Tenth | 30 | 43 | 39 | 23 | 28 | 39 | 45 | 25 | 33 | 30 | 30 | 41 | 406 |
| Eleventh | 39 | 25 | 49 | 33 | 20 | 29 | 36 | 22 | 33 | 28 | 24 | 32 | 370 |
| Twelfth | 55 | 36 | 55 | 41 | 46 | 55 | 62 | 40 | 31 | 38 | 36 | 44 | 539 |
| Thirteenth | 44 | 37 | 40 | 41 | 45 | 35 | 44 | 36 | 57 | 17 | 20 | 31 | 447 |
| Fourteenth | 35 | 21 | 40 | 32 | 20 | 24 | 38 | 23 | 36 | 23 | 25 | 42 | 359 |
| Fifteenth | 65 | 62 | 50 | 40 | 34 | 31 | 57 | 34 | 39 | 35 | 38 | 40 | 525 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sixteenth | 65 | 39 | 41 | 29 | 31 | 32 | 37 | 32 | 33 | 33 | 29 | 44 | 445 |
| Seventeenth | 75 | 28 | 44 | 28 | 36 | 38 | 62 | 47 | 37 | 36 | 30 | 48 | 509 |
| Eighteenth | 65 | 57 | 43 | 39 | 13 | 42 | 46 | 36 | 44 | 28 | 39 | 39 | 491 |
| Nineteenth | 49 | 26 | 44 | 45 | 32 | 32 | 37 | 36 | 42 | 39 | 22 | 36 | 440 |
| Twentieth | 21 | 30 | 26 | 27 | 19 | 23 | 47 | 38 | 31 | 25 | 26 | 38 | 351 |
| Totals | 1063 | 830 | 927 | 695 | 643 | 770 | 936 | 694 | 796 | 606 | 611 | 809 | 9380 |

A. R. CARTER, *Secretary Health Department.*

## TABLE No. 15.

## LONGEVITY.

*The following Decedents, aged Seventy Years and upwards, are reported for the year* 1883.

| MALES—WHITE. | AGES. | MALES—WHITE. | AGES. |
|---|---|---|---|
| John H. Hauth | 70 | William W. Newman | 70 |
| Joseph Landlerr | 70 | Samuel J. Patterson | 70 |
| Martin Strickard | 70 | Conrad Nicklos | 70 |
| James Jackson | 70 | Elias McMillan | 70 |
| Andrew M. Robinson | 70 | Edward Natalle | 70 |
| William Roberts | 70 | Lewis Blumauer | 71 |
| Sebastian Drmek | 70 | Jacob Penn | 71 |
| Walter Howe | 70 | Thatcher Perkins | 71 |
| Edwin B. Bradley | 70 | Rev. M. L. Forbes | 71 |
| J. T. Ash | 70 | Jacob W. Grafflin | 71 |
| John L. Burruss | 70 | John Karl | 71 |
| Michael McCafferty | 70 | Roger D. Jones | 71 |
| James Fraley | 70 | Richard Haviland | 71 |
| Hirsch Meyer | 70 | Zachariah Childs | 71 |
| Richard Warner | 70 | John Saylor | 71 |
| John Young | 70 | Peter Werger | 71 |
| John St. Leger | 70 | Adam Heinz | 71 |
| John G. Litterding | 70 | Henry Naumann | 71 |
| John N. Denning | 70 | Joseph Pancoast | 71 |
| Capt. Charles E. Coffin | 70 | Henry Malley | 71 |
| Severin Ewald | 70 | Henry M. Ware | 71 |
| John Louis | 70 | Robert Ashcroft | 71 |

TABLE No. 15—Continued.

| MALES—WHITE. | AGES. | MALES—WHITE. | AGES. |
|---|---|---|---|
| Michael Haus | 71 | Sebastian Schmidt | 72 |
| John F. Meridith | 71 | Frederick Super | 72 |
| James K. McGuirk | 71 | Daniel Harman | 72 |
| Benjamin C. Prestman | 71 | R. H. Augur | 72 |
| Anthony Pendergast | 71 | Joseph Dreisch | 72 |
| Gearhardt Kubach | 71 | Thomas Wright | 72 |
| Frederick W. Numsen | 71 | Franz Schwigert | 73 |
| Townsend Glover | 71 | Carl Reich | 73 |
| George R. Harford | 71 | Hiram Shaw | 73 |
| Nicholas Nagel | 71 | John Vittman | 73 |
| Thomas Jeffreay | 71 | Jacob Seegers | 73 |
| William W. Carter | 71 | John Kuebertt | 73 |
| William B. Canfield | 72 | James Rae | 73 |
| James Hamiel | 72 | Christian Grothaus | 73 |
| James H. Jones | 72 | John Summers | 73 |
| Charles Heikel | 72 | J. Monroe Newton | 73 |
| John C. Shmake | 72 | Capt. Samuel Ayres | 73 |
| Prof. Chas. C. Lancaster | 72 | Joseph Petzenhausen | 73 |
| Dennis Sullivan | 72 | Aquilla D. Hughes | 73 |
| Andrew Hutton | 72 | Henry Foble | 73 |
| A. H. Helfenbein | 72 | Dr. Charles McLean | 73 |
| James A. Bruce | 72 | Maurice Hanline | 73 |
| John Dorsey | 72 | Alexander P. Taylor | 73 |
| Archibald Parks | 72 | Edward Feinour | 73 |
| Henry Schroeder | 72 | Francis Murray | 73 |
| Philip Share | 72 | John A. Schaefer | 73 |
| James Lacy | 72 | Francis H. Huber | 73 |
| Capt. Thos. B. Fitzgerald | 72 | William B. Boyd | 73 |
| George Martin | 72 | Capt. Edgar C. Fales | 73 |

TABLE No. 15—Continued.

| MALES—WHITE. | AGES. |
|---|---|
| John Rodgers, Sr | 74 |
| Samuel Townsend | 74 |
| Samuel G. Wyman | 74 |
| John King | 74 |
| Joseph Clautice | 74 |
| Jacob Gerhold | 74 |
| Samuel Nichols | 74 |
| Zachariah Jacobs | 74 |
| Henry Potgiser | 74 |
| William Wilby | 74 |
| John G. Medinger | 74 |
| William Coutel | 74 |
| John Allen Khlem | 75 |
| Felix Kennady | 75 |
| James Simpson | 75 |
| Robert Potts | 75 |
| Michael Cavenaugh | 75 |
| Levi Hitchcock | 75 |
| John Nicholson | 75 |
| Anton Ritter | 75 |
| John Pridgeon | 75 |
| Wm. C. Cunningham | 75 |
| John McCullum | 75 |
| Joseph Plasch | 75 |
| Thomas Shannon | 75 |
| James Clark | 75 |
| James Reeves | 75 |
| James A. Caldwell | 75 |
| Patrick Fryer | 75 |
| William Myers | 75 |
| David Rosenstock | 75 |
| James Miller | 75 |
| Bro. Richard O'Connell | 75 |
| George P. Hoengen | 75 |
| Joseph R. Phelps | 75 |
| Rev. George Morris | 75 |
| John Williams | 76 |
| Henry B. Angeman | 76 |
| Prof. Nath'l H. Thayer | 76 |
| William Allard | 76 |
| John Robinson | 76 |
| Solomon Jordon | 76 |
| Michael Laftens | 76 |
| Lewis Volmer | 76 |
| Francis Shorb | 76 |
| James Ryan | 76 |
| Archibald Watkins | 76 |
| Andrew Beyer | 76 |
| Captain Lemuel Jones | 76 |
| John K. Randall | 76 |
| William Gracey | 76 |
| Thomas Hamilton | 76 |
| Jeremiah Ryan | 76 |
| John Vaughen | 76 |
| Jacob Keilholtz | 77 |
| John Schaffer | 77 |
| Dr. Isaiah Balderston | 77 |
| Leonard Himerly | 77 |

TABLE No. 15—Continued.

| MALES—WHITE. | AGES. | MALES—WHITE. | AGES. |
|---|---|---|---|
| Adrian Bishop | 77 | Edward W. Pryor | 80 |
| James Cambell | 77 | Michael McCoy | 80 |
| H. Aronts | 78 | James Cavanaugh | 80 |
| Samuel Johnson | 78 | James Hibberd | 80 |
| Peter Cummings | 78 | William Kenney | 81 |
| Nathan Holland | 78 | James Kyle | 81 |
| Jacob Hartzell | 78 | Marum Mansbach | 81 |
| Edward Reilly | 78 | J. Independent Houck | 81 |
| George Hartlove | 78 | James Cooper | 81 |
| James Burbridge | 78 | Capt. John Claypole | 81 |
| Edward Hahn | 78 | Richard Edwards | 81 |
| John Dredesel | 78 | Jeremiah Storm | 81 |
| Joseph Stitgers | 79 | Jacob Muth | 81 |
| Johanis Sands | 79 | Joseph Moffett | 81 |
| Benjamin F. Yoe | 79 | John Sutherland | 82 |
| Augustus Bride | 79 | John Seiss | 82 |
| John W. Millard | 79 | Christian F. Nelker | 82 |
| Hugh O'Rielly | 79 | George Evans | 82 |
| James Shannessy | 79 | Jacob Suss | 82 |
| Robert Spear | 79 | Dr. Calvin Black | 82 |
| William Fitzpatrick | 80 | George Gray | 82 |
| Wilson Lewis | 80 | Patrick Riley | 82 |
| James Creighton | 80 | William C. Martin | 82 |
| Edward Boland | 80 | Culbertson Martin | 82 |
| John M. Klug | 80 | James Myer | 82 |
| Charles L. Bobeth | 80 | John Weicker | 82 |
| Ephriam Larrabee | 80 | William G. Harrison | 82 |
| William Keilholtz | 80 | George A. Thompson | 83 |
| Ludwig Hartman | 80 | Henry Rosenberger | 83 |

TABLE No. 15—Continued.

| MALES—WHITE. | AGES. | MALES—WHITE. | AGES. |
|---|---|---|---|
| George W. Ruckle | 83 | James R. Richardson | 85 |
| Henry L. Diering | 83 | Pennell Palmer | 85 |
| John F. Adams | 83 | James Logan, Sr. | 86 |
| Hezekiah Taylor | 83 | Daniel Hagenbrook | 86 |
| John M. Johanes | 83 | Michael Welsh | 86 |
| Dr. Thomas Stansbury | 83 | Ernest H. Ahring | 86 |
| Daniel Caldwell | 83 | William Stites | 87 |
| Franklin B. Hoops | 83 | Amos Jarvis | 87 |
| William Schroder | 83 | Christopher Wynne | 87 |
| Lewis Wilhelm, Sr | 83 | Peregrine T. Wilson | 87 |
| Henry Moore | 83 | Francis S. Earland | 88 |
| Dr. James Esender | 83 | Abiathar Field | 88 |
| William Henkell | 84 | Christian F. Wittler | 88 |
| John D. Einbrod | 84 | Rear Admiral Joshua R. Sands, U. S. N | 88 |
| Louis Smith | 84 | Nicholas Wood | 89 |
| John McMahon | 84 | Paul Kimmer | 89 |
| James Edward | 84 | Henry Tottle | 90 |
| John Smith | 84 | Zachariah Kirby | 90 |
| Arthur McKenna | 84 | Samuel Hunter | 90 |
| Simon Rosenfeld | 84 | James Kelley | 91 |
| John H. Green | 84 | Rev. Thos. McCormick | 92 |
| Henry Lightner | 85 | Asa Waters | 93 |
| Joshua Cross | 85 | Col. Elijah Stansbury | 93 |
| Peter Maiser | 85 | Peter Brrcraft | 97 |
| Martin G. Blake | 85 | | |
| Thomas Moore | 85 | | |

TABLE No. 15—Continued.

| FEMALES—WHITE. | AGES. |
|---|---|
| Miss Mary Lyman | 70 |
| " Agnes Bogue | 70 |
| " Margaret Burke | 70 |
| Mrs. Willihmena Wagner | 70 |
| " Marg't Schaumburg | 70 |
| " Katharine Epee | 70 |
| " Cecelia Rodinski | 70 |
| " Harriett A. Beard | 70 |
| " Elizabeth Porrer | 70 |
| " Mary Kohl | 70 |
| " Delia Cain | 70 |
| " Sarah Padden | 70 |
| " Ann McConn | 70 |
| " Jane Reeves | 70 |
| " Elizabeth Lutz | 70 |
| " Mary Pryor | 70 |
| " Rebecca M. Radecke | 70 |
| " Sarah W. Alvarez | 70 |
| " Mary Connelly | 70 |
| " Ann Choate | 70 |
| " Dorothea Storz | 70 |
| " Sarah Chase | 70 |
| Miss Susan E. Hinkle | 71 |
| Mrs. Ellen Bishop | 71 |
| " Elizabeth Meier | 71 |
| " Mary A. McCahan | 71 |
| " Anna K. Schmeltz | 71 |
| " Susan E. Hall | 71 |
| " Margaret Holland | 71 |

| FEMALES—WHITE. | AGES. |
|---|---|
| Mrs. Mary J. Marriott | 71 |
| " Anna C. Geseng | 71 |
| " Johan'a McElvaney | 71 |
| " Magdalina Koch | 71 |
| " Barbara Nagle | 71 |
| " Ann B. Daub | 71 |
| " Kate Behrens | 71 |
| " Eva M. Kahl | 71 |
| " Margaret Hickley | 71 |
| " Margaret Du Gas | 71 |
| " Matil'a Richardson | 71 |
| " Mary M. Brady | 71 |
| " Martha Jeffries | 71 |
| " E. A. Richardson | 71 |
| Miss Martha Coleman | 72 |
| " Henrietta Webb | 72 |
| " Lucy A. Perkins | 72 |
| " Caroline Benner | 72 |
| Mrs. Govana Sturla | 72 |
| " Annie M. Smoot | 72 |
| " Eliza'h Matthews | 72 |
| " Sophia Phister | 72 |
| " Emeline Bock | 72 |
| " Harriet Smith | 72 |
| " Ellen G. Stewart | 72 |
| " Louisa B. Sparkuhl | 72 |
| " Martha Kilgour | 72 |
| " Eliza'h Hohmann | 72 |
| " Sidney Kerr | 72 |

TABLE No. 15—Continued.

| FEMALES—WHITE. | AGES. | FEMALES—WHITE. | AGES. |
|---|---|---|---|
| Mrs. Kiturah L. Hedington | 72 | Mrs. Bettie Fleischer | 73 |
| " Margaret Evans | 72 | " Mary A. Speights | 73 |
| " Fannie Rosenthal | 72 | Miss Mary W. Wethered | 74 |
| " Elizabeth Hoehn | 72 | " Isabella Terney | 74 |
| " Louisa Nicklass | 72 | Mrs. Christian Grace | 74 |
| " Mary A. Morton | 72 | " Bridget Dougherty | 74 |
| " Josephine Rumpf | 72 | " Elizabeth Deab | 74 |
| " Eva Spangenberg | 72 | " Rosanna Frank | 74 |
| " Susan Tobias | 72 | " Mary Mantz | 74 |
| " Mary Lycett | 72 | " Lucretia Monroe | 74 |
| " Caroline Horning | 73 | " Mary L. Beatty | 74 |
| " Mary Denny | 73 | " Rosina K. Base | 74 |
| " Mary O'Laughlin | 73 | " Eva Romoser | 74 |
| " Eliza Ring | 73 | " Matilda O. Duer | 74 |
| " Susan Myers | 73 | " Margareth Snyder | 74 |
| " Lydia Mifflin | 73 | " Catharine Mosier | 74 |
| " Mary A. Greenfeld | 73 | " Rebecca A. Diggs | 74 |
| " Mary Privot | 73 | " Isabella P. Elliott | 74 |
| " Ellen Breen | 73 | " Sarah A. Lee | 74 |
| " Mary Rice | 73 | " Bertha Weilage | 74 |
| " Eliza Gray | 73 | " Margaret Jones | 74 |
| " Cassandra Hughes | 73 | " Mary E. Keenan | 74 |
| " Drucilla Fairbanks | 73 | " Mary Proll | 74 |
| " Christina Snyder | 73 | " Mary Ealey | 74 |
| " Marie Legg | 73 | " Ann K. Sanders | 74 |
| " Mary Wells | 73 | Miss Sarah E. Petticord | 75 |
| " Hannah R. Dorsey | 73 | " Joanna Plummer | 75 |
| " Agnes A. Scheflein | 73 | " Han'ah S. Hardesty | 75 |
| | | " Letitia Buchanan | 75 |

TABLE No. 15—Continued.

| FEMALES—WHITE. | AGES. |
|---|---|
| Mrs. Eliza M. Chatard | 75 |
| " Elizabeth Harper | 75 |
| " Catha'ne F. Dailey | 75 |
| " Ann McMahon | 75 |
| " Ann E. Campbell | 75 |
| " Rachel A. Whalen | 75 |
| " Henri'ta M. Morris | 75 |
| " Mary A. Jefferson | 75 |
| " Rosina Luther | 75 |
| " Margaret Delaney | 75 |
| " Jane B. Wardell | 75 |
| " C. W. Stockman | 75 |
| " Catharine Sand | 75 |
| " Jane L. Holbrook | 75 |
| " Elizabeth Selrage | 75 |
| " Mary B. Cardell | 75 |
| " Eliza Young | 75 |
| " Sophia E. Porter | 75 |
| " Kunnigunde Kenneman | 75 |
| " Sarah Riddle | 75 |
| " Margaret B. Stenzendorfer | 75 |
| " Mary L. Clendenin | 75 |
| " Elizabeth Detzel | 75 |
| " Annie Burke | 75 |
| " Mary Berry | 75 |
| " Elizab'th Nachman | 75 |
| Mrs. Elizab'th Dennison | 75 |
| " Susanna Heldrong | 75 |
| " Martha Martin | 75 |
| Miss Jane L. Hooper | 76 |
| " Jane McIntyre | 76 |
| " Harriett C. Lee | 76 |
| " Eliza Hinchman | 76 |
| Mrs. Sarah A. Norman | 76 |
| " Margaret Schultz | 76 |
| " Kunigunda Lasko | 76 |
| " Harriett Mantz | 76 |
| " Annie G. Thersz | 76 |
| " Annie Freedy | 76 |
| " Susan Tubbman | 76 |
| " Ann M. Hardesty | 76 |
| " Mary Gardner | 76 |
| " Eleanor Lang | 76 |
| " Catharine Stewart | 76 |
| " Celeste A. Ferguson | 76 |
| " Annie J. Barrow | 76 |
| " Rebecca B. Coleman | 76 |
| " Edith Dixon | 76 |
| " Ann M. Booze | 76 |
| " Frances F. Jarvis | 76 |
| " Sophia D. Kniss | 76 |
| " Jane Kennedy | 76 |
| " Agness King | 76 |
| Miss Ellen McDermott | 77 |
| Mrs. Margaret Pof | 77 |

TABLE No. 15—Continued.

| FEMALES—WHITE. | AGES. |
|---|---|
| Mrs. Susan G. Clarke | 77 |
| " S. J. Mitchell | 77 |
| " Mary Farrington | 77 |
| " Maria Reckerd | 77 |
| " Elizabeth Wolfe | 77 |
| " Xarina Egan | 77 |
| " Abby S. Robinson | 77 |
| " Ann M. Goodman | 77 |
| " Katrina Müller | 77 |
| " Elizabeth Dennis | 77 |
| " Catharine Schmitt | 77 |
| " Sophia Ducatel | 77 |
| " Mary Sconhoff | 77 |
| " Elizab'h Weinrich | 77 |
| " Ann M. Thomas | 77 |
| " Ellen D. Jones | 77 |
| " Jane B. Seiders | 77 |
| " Mary A. M. Saulsbury | 77 |
| " Caroline Gehrmann | 77 |
| " Mary Kirher | 77 |
| " Catharine Schmidt | 77 |
| " Elizabeth Spurrier | 77 |
| " Susan Jones | 78 |
| " Marie Kohsliah | 78 |
| " Alexandri'a Drexel | 78 |
| " Matilda Lockwood | 78 |
| " Mary A. Sumers | 78 |
| " Sarah Wilkinson | 78 |

| FEMALES—WHITE. | AGES. |
|---|---|
| Mrs. Hanora Kenny | 78 |
| " Elizabeth Hartz | 78 |
| " Sarah A. Pendleton | 78 |
| " Mary Johns Nicholson | 78 |
| " Elizab'h McAnelty | 78 |
| " Florentina Nax | 78 |
| " Catharine Keenal | 78 |
| " Ann D. Durding | 78 |
| " Rosa A. Christopher | 78 |
| " Katharine Lotz | 78 |
| " Catha'ne Ziglemier | 78 |
| " Mary A. Hook | 79 |
| " Catharine Shuley | 79 |
| " Barbara Block | 79 |
| " Annie Davis | 78 |
| " Carol'e W. Planker | 79 |
| " Susan Thomas | 79 |
| " Ann Busche | 79 |
| " Bridget Cooney | 79 |
| " Margaret Ruppert | 79 |
| " Susanna M. Miller | 79 |
| Miss Elizabeth Brock | 80 |
| " Mary McGuigan | 80 |
| Mrs. Francisca Borolski | 80 |
| " Mary Fitzpatrick | 80 |
| " Maria Couchman | 80 |
| " Margaret McLaney | 80 |

TABLE No. 15—Continued.

| FEMALES—WHITE. | AGES. |
|---|---|
| Mrs. Catharine Dolon | 80 |
| " Sarah J. Carson | 80 |
| " Henrietta A. Wetherty | 80 |
| " Elizabeth R. Ellis | 80 |
| " Adelaide Eberly | 80 |
| " Catharine Watts | 80 |
| " Marie Bunjek | 80 |
| " Louisa B. Talbott | 80 |
| " Eliza Minturn | 80 |
| " Babeto Kohn | 80 |
| " Mary Carroll | 80 |
| " Mary A. Clautice | 80 |
| " Pricilla Weller | 80 |
| " Lavinia Johns | 80 |
| Miss Ann McKennall | 81 |
| Mrs. Elizabeth S. Baden | 81 |
| " Sallie Harris | 81 |
| " Helene Burns | 81 |
| " S. Clark | 81 |
| " Sophia T. Mandrich | 81 |
| " Maria Satterfield | 81 |
| " Hannah Owings | 81 |
| " Helene Keef | 81 |
| " Barbara Eichenaur | 81 |
| " Abby Edwards | 81 |
| " Sophia Watlington | 81 |
| " Barbara Rinehardt | 81 |
| Miss Sara Owens | 82 |

| FEMALES—WHITE. | AGES. |
|---|---|
| Miss Marcella Reice | 82 |
| " Mary Dwen | 82 |
| Mrs. Maria L. Stuart | 82 |
| " Susanna Omenhauser | 82 |
| " Mary A. Norton | 82 |
| " Henrietta Entz | 82 |
| " Sarah Sleeger | 82 |
| " Ann E. Isaacs | 82 |
| " Susan H. Boston | 82 |
| " Regina Kioshitska | 82 |
| " Susanna Kuhlman | 82 |
| " Catharine Weaver | 82 |
| " Hannah A. Clifford | 82 |
| " Jane Hallett | 82 |
| " Mary Tierney | 82 |
| " Eliza'h W. Mosher | 82 |
| " Mary Williams | 82 |
| Miss Ann Earnest | 83 |
| " Rebecca W. Stables | 83 |
| " Catharine Bowen | 83 |
| " Eliza Gibson | 83 |
| " Frances Smith | 83 |
| Mrs. Martha B. Kelso | 83 |
| " Elizabeth Jackson | 83 |
| " Gertrude Shisler | 83 |
| " Rebecca Kepler | 83 |
| " Mary A. Brunson | 83 |
| " Elizabeth Murry | 83 |

TABLE No. 15—Continued.

| FEMALES—WHITE. | AGES. |
|---|---|
| Mrs. Eranne Gibson | 83 |
| " Catharine Ebert | 83 |
| " Catharine Holton | 83 |
| " Rachel Boyer | 83 |
| " Margaret Blast | 83 |
| " Matilda Simms | 83 |
| " Elizabeth A. Brown | 83 |
| Miss Cath'ne McGuigan | 84 |
| Mrs. Annie Dempster | 84 |
| " Martha Smith | 84 |
| " Bridget Hogan | 84 |
| " Mary Seward | 84 |
| " Anna Hohn | 84 |
| " Margaret Cadden | 84 |
| " Ann Duering | 84 |
| " Ann D. Hall | 84 |
| " Marga't Burkhardt | 84 |
| Sister M. Gabriel Semmes | 85 |
| Miss Lizzie Tools | 85 |
| Mrs. Christine Warner | 85 |
| " Elizabeth Curry | 85 |
| " Julietta P. Smith | 85 |
| " Julia A. Pittman | 85 |
| " Bridget Owens | 85 |
| " Mary Spellman | 85 |
| " Annette Sparmer | 85 |
| " Bertha Quantz | 85 |
| " Ann E. Krauss | 85 |
| " Deborah Ireland | 85 |

| FEMALES—WHITE. | AGES. |
|---|---|
| Mrs. Ann D. Watts | 85 |
| " Katharine Kuidrijeski | 85 |
| " Mary E. Schwegler | 85 |
| Miss Susan Granger | 86 |
| Mrs. Jane Brown | 86 |
| " Elizabeth Bond | 86 |
| " Elizabeth Thomas | 86 |
| " Catha'ne Summers | 86 |
| " Hester O'Neill | 86 |
| " Lydia Davis | 86 |
| " Elizabeth Faitz | 86 |
| " Elizab'h Hogemann | 86 |
| " Theresa Eder | 87 |
| " Jane A. Potts | 87 |
| " Caroline Jones | 87 |
| " Catharine Dehn | 87 |
| " Catharine Crooks | 87 |
| " Ann M. Hall | 87 |
| " Sarah Dunn | 87 |
| " Mary Rigdon | 88 |
| " Mary Stith | 88 |
| " Mary A. Browning | 88 |
| " Catharine Manns | 88 |
| " Josephine Schmitt | 88 |
| " Elizabeth J. Ward | 88 |
| " Caroline Stuhman | 89 |
| " Rebecca Auld | 89 |
| " Charlotte T. Evans | 89 |

TABLE No. 15—Continued.

| FEMALES—WHITE. | AGES. | FEMALES—WHITE. | AGES. |
|---|---|---|---|
| Mrs. Louisa C. Ruff | 89 | Mrs. Elizabeth Geighton | 92 |
| " Ann Mullin | 90 | " Ann V. Landstreet | 92 |
| " Marga't McAllister | 90 | " Mary J. Golder | 92 |
| " Sophia M. Angell | 90 | " Mary Hamilton | 92 |
| " Phillips | 90 | " Fannie F. Lightner | 93 |
| " Sarah Davids | 90 | " Sarah Henderson | 93 |
| " Julia McElroy | 90 | " Rachel Shoemaker | 94 |
| Miss Eliza Malstrum | 91 | " Sophia Spillman | 94 |
| " Amelia Kennard | 91 | Miss Elizabeth Callahan | 96 |
| Mrs. Ann Hewes | 91 | Mrs. Mary Hardy | 96 |
| " Mary E. Eitel | 91 | " Barbara Herman | 97 |

TABLE No. 15—Continued.

| MALES—COLORED. | AGES. | MALES—COLORED. | AGES. |
|---|---|---|---|
| Perry Scott | 70 | Benjamin Dorsey | 76 |
| Marshall Cornish | 70 | William Pritchard | 76 |
| William Hatchett | 70 | Mathew Dorsey | 78 |
| Jacob Clarke | 70 | Lewis Williams | 78 |
| John Wilmore | 70 | Levin Bailey | 78 |
| Robert Harris | 70 | Franklin Lee | 80 |
| John W. Cook | 71 | Cornelius Woodland | 81 |
| Isaac Young | 72 | Benjamin Jefferys | 84 |
| Charles Tilghman | 72 | Peter Hensen | 85 |
| George Paul | 72 | George Wilson | 89 |
| Charles Lawrence | 72 | Richard Moore | 89 |
| Daniel Kent | 73 | Nathaniel Teakle | 89 |
| John F. Hitchins | 74 | Mosby Scott | 90 |
| William Merrick | 75 | Robert Keyes | 90 |
| Julius Jones | 75 | Harkless Lawrence | 94 |
| Rueben Gearing | 75 | John Hall | 96 |

TABLE No. 15—Continued.

| FEMALES—COLORED. | AGES. |
|---|---|
| Miss Harriet Cole | 70 |
| " Annie Brown | 70 |
| " Annie Smith | 70 |
| Mrs. Christina Ridgely | 70 |
| " Nancy Weeks | 70 |
| " Mary O. Lamar | 70 |
| " Hannah Skyler | 70 |
| " Mary Scott | 70 |
| " Sophia Wing | 70 |
| " Maria Nichols | 70 |
| " Arimintha C. Wilson | 71 |
| " Caroline Keys | 71 |
| " Maria Barrett | 71 |
| " Henrietta Spriggs | 72 |
| Miss Susan A. Adams | 73 |
| Mrs. Minty Brooks | 73 |
| " Cassandra Lewis | 73 |
| " Eliza Kane | 73 |
| Miss Eliza J. Gordon | 74 |
| Mrs. Catharine Jones | 74 |
| " Harriet Glocglow | 74 |
| " Emeline Webster | 74 |
| " Hester Hall | 74 |
| " Enrose Baily | 74 |
| " Dorcas Murray | 74 |
| " Henrietta Horsey | 74 |
| " Etta Stokes | 74 |
| " Eliza Jenkins | 74 |

| FEMALES—COLORED. | AGES. |
|---|---|
| Mrs. Annie Wilson | 75 |
| " Ellen M. Burgess | 75 |
| " Priscilla Snowden | 75 |
| Miss Matilda Williams | 76 |
| Mrs. Catharine Rowley | 76 |
| " Annie Parker | 76 |
| " Eliza James | 76 |
| " Elsie Allen | 76 |
| " Harriet Sayles | 76 |
| " Louisa Harvey | 76 |
| " Margaret Schmitt | 77 |
| " Catharine Johnson | 77 |
| Miss Nancy Starly | 78 |
| Mrs. Mary Watson | 78 |
| " Annie Barbour | 78 |
| " Ann Cady | 78 |
| " Ann M. Thompson | 79 |
| Miss Matilda Brooks | 80 |
| Mrs. Virginia Brown | 80 |
| " Henrietta Wilson | 80 |
| " Nancy Mathews | 80 |
| " Eliza Jones | 80 |
| " Harriet A. Warnick | 80 |
| " Mary Johnson | 80 |
| " Hannah Stevens | 80 |
| " Elizabeth Charles | 80 |
| " Harriet Miller | 80 |
| " Eliza Cooper | 80 |
| " Mary A. Martin | 80 |

TABLE No. 15—Continued.

| FEMALES—COLORED. | AGES. | FEMALES—COLORED. | AGES. |
|---|---|---|---|
| Miss Mary J. Coppo | 82 | Mrs. Dorcas Boston | 87 |
| Mrs. Lucy Summerville | 82 | " Nellie Davis | 87 |
| " Mary Marine | 82 | " Jane Brown | 87 |
| " Caroline Quinn | 82 | Miss Eliza Stranger | 90 |
| " Hannah Wilson | 83 | Mrs. Rachel Hammond | 90 |
| " Matilda Bradford | 83 | " Henrietta Poor | 90 |
| " Elizabeth Jackson | 83 | " Annie Buoy | 90 |
| " Sophia Bailey | 83 | " Nancy Wilson | 90 |
| " Tumar King | 83 | Mrs. Ellen Sittees | 92 |
| " Susan Jenkins | 84 | Mrs. Henri'a Smallwood | 93 |
| " Hannah Thomas | 84 | Mrs. Emeline Brown | 95 |
| " Della Towles | 85 | " Fannie Hynson | 95 |
| " Eliza Purviance | 85 | Mrs. Jemima Cain | 98 |
| " Rebecca Blake | 85 | " Maria Palmer | 98 |
| " Rachel Bell | 85 | Miss Jane Frances | 100 |
| " Nancy Verily | 85 | Mrs. Mary Martin | 103 |
| " Charlotte Henson | 86 | | |

# TABLE No. 15—Concluded.

## RECAPITULATION.

| White Males. | | | White Females. | | | Col'd Males. | | | Col'd Females. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ages. | Number of Decedents. | Total Years. | Ages. | Number of Decedents. | Total Years. | Ages. | Number of Decedents. | Total Years. | Ages. | Number of Decedents. | Total Years. |
| 70 | 27 | 1,890 | 70 | 22 | 1,540 | 70 | 6 | 420 | 70 | 10 | 700 |
| 71 | 29 | 2,059 | 71 | 21 | 1,491 | 71 | 1 | 71 | 71 | 3 | 213 |
| 72 | 23 | 1,656 | 72 | 25 | 1,800 | 72 | 4 | 288 | 72 | 1 | 72 |
| 73 | 23 | 1,679 | 73 | 20 | 1,460 | 73 | 1 | 73 | 73 | 4 | 292 |
| 74 | 12 | 888 | 74 | 23 | 1,702 | 74 | 1 | 74 | 74 | 10 | 740 |
| 75 | 24 | 1,800 | 75 | 33 | 2,475 | 75 | 3 | 225 | 75 | 3 | 225 |
| 76 | 18 | 1,368 | 76 | 24 | 1,824 | 76 | 2 | 152 | 76 | 7 | 532 |
| 77 | 6 | 462 | 77 | 24 | 1,848 | 78 | 3 | 234 | 77 | 2 | 154 |
| 78 | 10 | 780 | 78 | 17 | 1,326 | 80 | 1 | 80 | 78 | 4 | 312 |
| 79 | 8 | 632 | 79 | 10 | 790 | 81 | 1 | 81 | 79 | 1 | 79 |
| 80 | 13 | 1,040 | 80 | 20 | 1,600 | 84 | 1 | 84 | 80 | 12 | 960 |
| 81 | 10 | 810 | 81 | 13 | 1,053 | 85 | 1 | 85 | 82 | 4 | 328 |
| 82 | 13 | 1,066 | 82 | 18 | 1,476 | 89 | 3 | 267 | 83 | 5 | 415 |
| 83 | 14 | 1,162 | 83 | 18 | 1,494 | 90 | 2 | 180 | 84 | 2 | 168 |
| 84 | 9 | 756 | 84 | 10 | 840 | 94 | 1 | 94 | 85 | 5 | 425 |
| 85 | 7 | 595 | 85 | 15 | 1,275 | 96 | 1 | 96 | 86 | 1 | 86 |
| 86 | 4 | 344 | 86 | 9 | 774 | | | | 87 | 3 | 261 |
| 87 | 4 | 348 | 87 | 7 | 609 | | | | 90 | 5 | 450 |
| 88 | 4 | 352 | 88 | 6 | 528 | | | | 92 | 1 | 92 |
| 89 | 2 | 178 | 89 | 4 | 356 | | | | 93 | 1 | 93 |
| 90 | 3 | 270 | 90 | 6 | 540 | | | | 95 | 2 | 190 |
| 91 | 1 | 91 | 91 | 4 | 364 | | | | 98 | 2 | 196 |
| 92 | 1 | 92 | 92 | 4 | 368 | | | | 100 | 1 | 100 |
| 93 | 2 | 186 | 93 | 2 | 186 | | | | 103 | 1 | 103 |
| 97 | 1 | 97 | 94 | 2 | 188 | | | | | | |
| | | | 96 | 2 | 192 | | | | | | |
| | | | 97 | 1 | 97 | | | | | | |
| | 268 | 20,601 | | 360 | 28,196 | | 32 | 2,504 | | 90 | 7,186 |
| 268, averaging 76 years, 10 months. | | | 360, averaging 78 years, 4 months. | | | 32, averaging 78 years, 4 month. | | | 90, averaging 79 years, 10 months. | | |

Total decedents, White...628 Colored..122 Grand total...750
Total years, " 48,797 " 9,690 " " 58,487

Average longevity, White, 77 years, 8 months; Colored, 79 years, 5 months; total average, 78 years.

A. R. CARTER, *Sec'y Health Dep't.*

## TABLE No. 16.

Salary Account for Twelve Months ending December 31st, 1883.

| DR. | APPROPRIATION $27,100. | | CR. |
|---|---|---|---|
| To 12 checks on Comptroller | $26,862 51 | By 1 voucher—January 1st, 1883 | $1,493 34 |
| | | " 1 " February 1st, 1883 | 1,568 34 |
| | | " 1 " March 1st, 1883 | 2,493 33 |
| | | " 1 " " 31st 1883 | 2,268 34 |
| | | " 1 " May 1st, 1883 | 2,288 34 |
| | | " 1 " June 1st, 1883 | 2,863 33 |
| | | " 1 " June 30th, 1883 | 2,008 33 |
| | | " 1 " August 1st, 1883 | 2,008 34 |
| | | " 1 " September 1st, 1883 | 2,870 83 |
| | | " 1 " October 1st, 1883 | 2,008 33 |
| | | " 1 " November 1st, 1883 | 2,008 33 |
| | | " 1 " December 1st, 1883 | 2,983 33 |
| " 12 checks on Comptroller | 26,862 51 | By 12 " for twelve months | $26,862 51 |
| " unexpended balance | 237 49 | " unexpended balance | 237 49 |
| | $27,100 00 | | $27,100 00 |

A. R. CARTER, *Secretary Health Department.*

## TABLE No. 17.

General Health Account for Twelve Months ending December 31, 1883.

Appropriation, $18,000; Extra, $75,000; Deficiency, 1882, $19,585.24; Extra, $24,761.28; Post-Mortems, $600.00.

Total Appropriations, $137,946.52.

| Dr. | | Cr. | | |
|---|---|---|---|---|
| To 690 Checks on Comptroller | $131,152 16 | By 16 vouchers—Covering 3,600 bills for bedding and articles furnished infected houses, in place of similar articles destroyed | | $52,497 66 |
| | | " 5 " | Covering 617 bills articles destroyed | 18,130 42 |
| | | " 11 " | Covering 11 bills articles destroyed | 186 00 |
| | | " 30 " | Interments, removing patients to quarantine hospital, removing and destroying infected articles | 16,096 60 |
| | | " 16 " | Vaccine virus | 16,977 13 |
| | | " 203 " | Salaries extra vaccine physicians | 11,804 46 |
| | | " 65 " | Coffins | 2,159 75 |
| | | " 31 " | Salaries of superintendent of vaccination and extra sanitary inspectors | 1,851 50 |
| | | " 7 " | Salaries of detectives | 404 50 |
| | | " 27 " | Salaries of watchmen at quarantined houses, provisions and medicines furnished inmates | 1,093 52 |

| | | | | | |
|---|---|---|---|---|---|
| | | " 15 | " | Disinfectants | 378 11 |
| | | " 2 | " | Printing annual report | 357 60 |
| | | " 42 | " | Postage | 347 10 |
| | | " 5 | " | Livery of inspectors' horses | 343 20 |
| | | " 14 | " | Telephones and messengers | 309 63 |
| | | " 20 | " | Advertising | 274 12 |
| | | " 10 | " | Small-pox flags | 122 97 |
| | | " 3 | " | " nurses | 66 22 |
| | | " 2 | " | Abating nuisances | 38 50 |
| | | " 1 | " | Leather straps | 45 00 |
| | | " 43 | " | Sundry small bills | 280 22 |
| | | " 114 | " | Paid on account of nuisances and sewers | 6,787 95 |
| | | " 8 | " | Post-mortems | 600 00 |
| To 690 Checks on Comptroller | $131,152 16 | By 690 | " | for twelve months | $131,152 16 |
| " unexpended balance | 6,794 36 | " unexpended balance | | | 6,794 36 |
| | $137,946 52 | | | | $137,946 52 |

A. R. CARTER, *Secretary Health Department.*

## TABLE No. 18.

Nuisance and Sewer Account for Twelve Months ending December 31st, 1883.

DR. Appropriation $2,000.00; Extra $5,238.72; Total Appropriation $7,238.72. CR.

| | | | | | |
|---|---|---|---|---|---|
| To 89 Checks on Comptroller | $6,897 03 | By 10 | vouchers | Salaries of Superintendents and watchman | $2,029 00 |
| | | " 15 | " | J. W. Lee, sewer work and draining | 710 57 |
| | | " 6 | " | J. Meagher, sewer work | 203 25 |
| | | " 12 | " | H. Paff, " " " | 648 75 |
| | | " 9 | " | Livery | 616 50 |
| | | " 6 | " | Disinfectants | 448 14 |
| | | " 15 | " | Repairs of wagons and tools | 417 05 |
| | | " 5 | " | Lime | 1,537 10 |
| | | " 1 | " | Court expenses | 20 00 |
| | | " 2 | " | Tolls | 35 30 |
| | | " 5 | " | Removing filth from docks | 210 87 |
| | | " 2 | " | Coal | 13 50 |
| | | " 1 | " | Lumber | 7 00 |
| To 89 Checks on Comptroller | $6,897 03 | By 89 | " | for twelve months | $6,897 03 |
| " unexpended balance | 341 69 | " unexpended balance | | | 341 69 |
| | $7,238 72 | | | | $7,238 72 |

A. R. CARTER, *Secretary Health Department.*

## TABLE No. 19.

Account of the Quarantine Hospital of the Port of Baltimore for Twelve Months ending December 31, 1883.

DR. Appropriation, $25,000.00; Deficiency, 1882, $854.07; Total Appropriation, $25,854.07. CR.

| | | | | | |
|---|---|---|---|---|---|
| To 123 checks on Comptroller | $25,800 12 | By | 12 | vouchers—Pay Rolls | $11,968 70 |
| | | " | 8 | " Clothing | 2,936 70 |
| | | " | 10 | " Coal | 962 07 |
| | | " | 3 | " Bread | 631 85 |
| | | " | 5 | " Milk | 331 50 |
| | | " | 11 | " Groceries | 1,695 91 |
| | | " | 12 | " Provisions | 3,778 28 |
| | | " | 8 | " Coffins | 823 00 |
| | | " | 5 | " Bedding | 545 44 |
| | | " | 4 | " Stoves | 645 00 |
| | | " | 6 | " Oils and paints | 115 95 |
| | | " | 3 | " Medicines | 239 05 |
| | | " | 9 | " Ice | 105 87 |
| | | " | 11 | " Repairs and horse shoeing | 549 97 |
| | | " | 4 | " Horse feed | 41 25 |
| | | " | 1 | " U. S. Inspector | 28 00 |
| | | " | 1 | " Fire Insurance | 77 50 |
| | | " | 1 | " Lumber | 32 83 |
| | | " | 2 | " Cows | 112 00 |
| | | " | 2 | " Seed | 23 75 |
| | | " | 3 | " Towing | 47 50 |
| | | " | 2 | " Sundry small bills | 108 00 |
| To 123 Checks on Comptroller | $25,800 12 | " | 123 | " for twelve months | $25,800 12 |
| " unexpended balance | 53 95 | " | unexpended balance | | 53 95 |
| | $25,854 07 | | | | $25,854 07 |

A. R. CARTER, *Secretary Health Department.*

TABLE No. 20.

*Statement of Disbursements of the Health Department for Twelve Months ending December 31st, 1883.*

| | |
|---|---|
| General Health Account | $130,552 16 |
| Salary " | 26,862 51 |
| Nuisance and Sewer Account | 6,897 03 |
| Quarantine Hospital " | 25,800 12 |
| Post-Mortem " | 600 00 |
| Total disbursements for twelve months | $190,711 82 |

UNEXPENDED BALANCES.

| | |
|---|---|
| Salary Account | $ 237 49 |
| General Health Account | 6,794 36 |
| Nuisance and Sewers Account | 341 69 |
| Quarantine Hospital Account | 53 95 |
| | $7,427 49 |

A. R. CARTER,
*Secretary Health Department.*

# REPORT

— OF THE —

# ASSISTANT COMMISSIONER OF HEALTH.

# TABLE A.

Total Deaths from all Causes in the City of Baltimore from January 1st, 1830, to December 31st, 1883; Total Deaths of Children Under 5 Years of Age, and Total Deaths from Zymotic Diseases.

| | 1830. | 1831. | 1832. | 1833. | 1834. | 1835. | 1836. | 1837. | 1838. | 1839. | 1840. | 1841. | 1842. | 1843. | 1844. | 1845. | 1846. | 1847. | 1848. | 1849. | 1850. | 1851. | 1852. | 1853. | 1854. | 1855. | 1856. | 1857. | 1858. | 1859. | 1860. | 1861. | 1862. | 1863. | 1864. | 1865. | 1866. | 1867. | 1868. | 1869. | 1870. | 1871. | 1872. | 1873. | 1874. | 1875. | 1876. | 1877. | 1878. | 1879. | 1880. | 1881. | 1882. | 1883. | Grand Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total deaths—all causes | 2,086 | 2,308 | 3,572 | 2,405 | 2,747 | 2,050 | 2,192 | 2,518 | 2,376 | 2,260 | 2,045 | 2,448 | 2,454 | 2,333 | 2,665 | 2,896 | 2,994 | 3,414 | 3,861 | 4,165 | 4,210 | 4,169 | 4,965 | 4,717 | 5,416 | 5,075 | 5,229 | 5,120 | 5,407 | 4,674 | 4,866 | 4,790 | 5,173 | 5,551 | 5,568 | 4,695 | 5,623 | 5,211 | 6,178 | 6,497 | 7,262 | 7,141 | 7,546 | 7,817 | 7,401 | 7,317 | 7,382 | 9,022 | 6,733 | 7,618 | 8,043 | 8,816 | 8,923 | 9,380 | 267,324 |
| Children under 1 year | 406 | 514 | 652 | 625 | 616 | 461 | 684 | 630 | 655 | 612 | 532 | 651 | 666 | 682 | 630 | 830 | 786 | 866 | 959 | 995 | 1,023 | 1,039 | 1,203 | 1,087 | 1,308 | 1,306 | 1,471 | 1,316 | 1,283 | 1,197 | 1,227 | 1,178 | 1,105 | 1,180 | 1,270 | 1,083 | 1,285 | 1,262 | 1,615 | 1,710 | 2,098 | 1,714 | 1,870 | 1,904 | 2,122 | 2,199 | 2,325 | 2,629 | 2,882 | 2,066 | 2,329 | 2,364 | 2,198 | 2,351 | 69,551 |
| Between 1 and 2 years | 184 | 166 | 222 | 224 | 240 | 176 | 180 | 276 | 256 | 257 | 182 | 217 | 315 | 229 | 285 | 208 | 287 | 420 | 471 | 500 | 544 | 496 | 667 | 478 | 656 | 647 | 758 | 713 | 738 | 653 | 616 | 607 | 605 | 545 | 623 | 384 | 587 | 568 | 778 | 776 | 855 | 802 | 922 | 801 | 862 | 689 | 899 | 1,109 | 364 | 762 | 701 | 864 | 844 | 881 | 20,468 |
| " 2 and 5 " | 232 | 244 | 241 | 274 | 267 | 141 | 208 | 324 | 246 | 266 | 183 | 208 | 263 | 153 | 303 | 351 | 320 | 376 | 508 | 414 | 488 | 467 | 683 | 595 | 676 | 500 | 528 | 627 | 734 | 553 | 539 | 515 | 757 | 814 | 840 | 615 | 594 | 622 | 747 | 753 | 722 | 850 | 863 | 674 | 546 | 560 | 376 | 546 | 126 | 557 | 572 | 691 | 713 | 830 | 26,855 |
| Total under 5 years | 822 | 924 | 1,115 | 1,123 | 1,123 | 778 | 972 | 1,229 | 1,157 | 1,135 | 897 | 1,076 | 1,244 | 1,064 | 1,278 | 1,389 | 1,393 | 1,662 | 1,938 | 1,909 | 2,055 | 2,002 | 2,553 | 2,160 | 2,640 | 2,453 | 2,757 | 2,656 | 2,755 | 2,403 | 2,382 | 2,300 | 2,467 | 2,539 | 2,733 | 2,082 | 2,466 | 2,452 | 3,140 | 3,239 | 3,675 | 3,456 | 3,655 | 3,379 | 3,530 | 3,448 | 3,600 | 4,584 | 3,372 | 3,385 | 3,602 | 3,919 | 3,755 | 4,062 | 125,874 |
| Percentage to total mortality | 39.45 | 40.07 | 31.21 | 46.69 | 40.88 | 37.94 | 44.29 | 48.88 | 48.69 | 50.22 | 43.86 | 43.95 | 50.69 | 45.60 | 47.05 | 47.96 | 46.52 | 47.51 | 50.01 | 45.83 | 48.81 | 48.02 | 51.60 | 45.78 | 48.00 | 48.33 | 52.72 | 51.87 | 50.95 | 51.41 | 48.96 | 48.01 | 47.68 | 45.73 | 49.06 | 44.34 | 43.85 | 47.05 | 50.82 | 49.23 | 50.51 | 48.39 | 48.43 | 43.09 | 47.69 | 47.13 | 48.76 | 50.80 | 50.08 | 44.44 | 44.78 | 40.85 | 42.08 | 43.30 | Gen'l Ave... 47.08 |
| Small-pox | 2 | 25 | 79 | 32 | 71 | 3 | 1 | 52 | 71 | 2 | 9 | 1 | 1 | ..... | 110 | 115 | 1 | 5 | 19 | 153 | 104 | 66 | 9 | 26 | 50 | 8 | 91 | 310 | 1 | ..... | 1 | 34 | 252 | 436 | 18 | 13 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1 | 886 | 617 | ..... | ..... | ..... | ..... | 1 | 1 | 11 | 551 | 633 | 4,882 |
| Measles | 7 | 23 | 2 | 12 | 77 | 5 | 1 | 141 | 4 | 57 | 32 | 6 | 103 | 4 | 1 | 20 | 114 | 7 | 74 | 31 | 7 | 21 | 314 | 16 | 99 | 14 | 5 | 205 | 39 | 57 | 109 | 11 | 154 | 17 | 143 | 11 | 105 | 8 | 196 | 227 | 35 | 111 | 155 | 49 | 86 | 25 | 6 | 161 | 11 | 43 | 12 | 162 | 71 | 130 | 3,536 |
| Diphtheria | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 7 | 29 | 95 | 162 | 130 | 109 | 95 | 60 | 86 | 107 | 98 | 70 | 100 | 155 | 102 | 108 | 146 | 455 | 303 | 298 | 293 | 639 | 707 | 591 | 4,954 |
| Croup | 19 | 10 | 34 | 41 | 46 | 28 | 47 | 59 | 45 | 51 | 31 | 26 | 42 | 71 | 56 | 80 | 91 | 127 | 165 | 182 | 142 | 134 | 164 | 143 | 210 | 229 | 180 | 160 | 215 | 209 | 203 | 178 | 225 | 294 | 317 | 269 | 235 | 162 | 222 | 249 | 187 | 178 | 146 | 206 | 190 | 150 | 101 | 157 | 149 | 186 | 173 | 242 | 222 | 201 | 8,185 |
| Tensilitis | 1 | 1 | 1 | 3 | 2 | 2 | 1 | 7 | 5 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | ..... | ..... | ..... | ..... | ..... | 11 | 2 | 3 | 1 | 7 | 7 | 5 | 7 | 6 | 9 | 1 | 6 | ..... | 2 | ..... | ..... | 1 | 1 | 1 | 4 | 1 | 3 | ..... | ..... | ..... | 2 | 6 | 1 | 2 | 3 | 1 | 4 | 11 | 140 |
| Whooping-Cough | 19 | 6 | 8 | 133 | 12 | 1 | 43 | 69 | 18 | 75 | 9 | 35 | 64 | 20 | 59 | 62 | 26 | 104 | 59 | 59 | 22 | 86 | 77 | 100 | 72 | 69 | 131 | 59 | 34 | 120 | 106 | 91 | 37 | ..... | 65 | 65 | 52 | 24 | 110 | 55 | 173 | 61 | 56 | 124 | 135 | 100 | 33 | 297 | 63 | 80 | 148 | 93 | 43 | 59 | 3,511 |
| Scarlet Fever | 147 | 161 | 16 | 141 | 143 | 18 | 30 | 134 | 141 | 112 | 71 | 74 | 27 | 56 | 379 | 288 | 132 | 166 | 407 | 154 | 225 | 234 | 232 | 362 | 234 | 131 | 222 | 333 | 535 | 301 | 116 | 242 | 575 | 339 | 136 | 86 | 121 | 137 | 127 | 171 | 256 | 625 | 109 | 116 | 174 | 530 | 492 | 597 | 141 | 367 | 400 | 213 | 179 | 334 | 12,197 |
| Typhoid " | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 106 | 7 | 14 | 3 | 71 | 18 | 17 | 19 | 12 | 10 | 7 | 1 | 3 | 101 | 162 | 202 | 168 | 200 | 171 | 196 | 235 | 167 | 210 | 265 | 200 | 182 | 235 | 244 | 187 | 184 | 235 | 176 | 166 | 196 | 197 | 165 | 126 | 4,855 |
| Typhus " | 33 | 39 | 52 | 23 | 31 | 27 | 41 | 14 | 33 | 20 | 13 | 18 | 19 | 8 | 19 | 17 | 20 | 29 | 76 | 143 | 107 | 24 | 78 | 101 | 95 | 94 | 69 | 84 | 100 | 92 | 1 | ..... | 3 | 1 | 3 | 2 | 12 | 27 | 2 | 1 | 18 | 29 | 1 | 3 | 7 | 15 | 6 | 14 | ..... | 1 | 7 | 3 | 3 | 2 | 1,680 |
| Remittent Fever | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 1 | 3 | ..... | ..... | 1 | 3 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 36 | 19 | 13 | 22 | 22 | 18 | 17 | 8 | 11 | 178 |
| Intermittent " | 9 | 6 | 2 | 5 | 19 | 1 | 3 | 14 | 3 | 1 | 2 | 4 | 14 | 5 | 3 | 3 | 2 | 3 | 2 | 11 | 11 | 2 | 6 | 18 | 13 | 16 | 5 | 9 | 4 | 2 | 8 | 6 | 7 | 20 | 30 | 24 | 18 | 30 | 51 | 60 | 62 | 88 | 72 | 79 | 66 | 23 | 16 | 14 | 14 | 12 | 19 | 16 | 14 | 13 | 954 |
| Bilious " | 58 | 117 | 89 | 59 | 86 | 65 | 83 | 32 | 37 | 46 | 49 | 38 | 68 | 38 | 43 | 53 | 70 | 44 | 52 | 65 | 48 | 38 | 53 | 72 | 97 | 63 | 45 | 37 | 37 | 64 | 34 | 33 | 28 | 41 | 30 | 38 | 33 | 26 | 34 | 44 | 50 | 77 | 58 | 58 | 69 | ..... | 2 | 2 | 1 | 7 | 4 | 6 | 4 | 3 | 2,428 |
| Yellow " | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 13 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 13 |
| Malarial " | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 11 | 14 | 26 | 48 | 55 | 43 | 198 |
| Typho-Malarial Fever | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 32 | 2 | ..... | 17 | 31 | 50 | 44 | 48 | 224 |
| Puerperal " | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 12 | 13 | 23 | 19 | 12 | 26 | 12 | 16 | 18 | 151 |
| Cerebro-Spinal " | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 51 | 25 | 8 | 26 | 1 | 26 | 37 | 38 | 42 | 254 |
| Diarrhœa | ..... | ..... | 3 | 1 | ..... | ..... | 2 | ..... | ..... | 1 | ..... | ..... | 2 | ..... | 1 | ..... | ..... | 7 | 15 | 69 | 40 | 15 | 49 | 34 | 39 | 30 | 6 | 14 | 7 | 16 | 6 | 8 | 15 | 13 | 9 | 21 | 21 | 6 | 8 | 10 | 4 | 12 | 9 | 11 | 14 | 62 | 96 | 89 | 79 | 81 | 96 | 86 | 67 | 83 | 1,258 |
| Dysentery | 21 | 24 | 68 | 32 | 39 | 28 | 25 | 30 | 25 | 16 | 27 | 22 | 25 | 22 | 11 | 13 | 7 | 42 | 46 | 148 | 237 | 161 | 221 | 242 | 252 | 204 | 213 | 141 | 137 | 104 | 59 | 51 | 43 | 60 | 73 | 67 | 67 | 63 | 85 | 83 | 66 | 83 | 67 | 74 | 70 | 54 | 47 | 52 | 41 | 60 | 57 | 56 | 62 | 52 | 4,073 |
| Cholera | ..... | ..... | ..... | 853 | ..... | 74 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 62 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4 | ..... | ..... | 2 | ..... | ..... | ..... | 993 |
| " Morbus | 40 | 9 | 2 | 2 | 35 | 5 | 2 | ..... | 2 | 1 | ..... | 9 | 8 | 7 | 7 | 4 | 9 | 9 | 32 | 27 | 6 | 10 | 11 | 13 | 20 | 14 | 12 | 10 | 17 | 13 | 8 | 13 | 13 | 10 | 30 | 40 | 11 | 17 | 23 | 20 | 23 | 37 | 28 | 22 | 22 | 24 | 17 | 14 | 18 | 25 | 33 | 21 | 17 | 527 |
| " Infantum | 182 | 248 | 322 | 146 | 201 | 89 | 191 | 131 | 199 | 125 | 114 | 194 | 198 | 150 | 129 | 113 | 139 | 249 | 244 | 290 | 347 | 290 | 339 | 256 | 395 | 418 | 568 | 410 | 361 | 386 | 328 | 325 | 266 | 287 | 309 | 285 | 340 | 257 | 356 | 332 | 450 | 286 | 638 | 598 | 766 | 646 | 701 | 646 | 343 | 475 | 568 | 558 | 399 | 473 | 17,582 |
| Entero Colitis | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 6 | 15 | 7 | 29 | 22 | 21 | 43 | 39 | 31 | 213 |
| Erysipelas | ..... | ..... | ..... | 3 | 1 | 4 | ..... | ..... | ..... | 1 | 4 | ..... | ..... | 3 | 5 | ..... | 4 | 14 | 9 | 10 | 19 | 32 | 19 | 12 | 22 | 9 | 17 | 24 | 19 | 17 | 10 | 9 | 18 | 12 | 34 | 26 | 34 | 17 | 15 | 15 | 20 | 20 | 24 | 32 | 47 | 49 | 54 | 23 | 31 | 36 | 11 | 23 | 39 | 35 | 32 | 513 |
| Pyæmia | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 11 | 6 | 12 | 13 | 15 | 9 | 16 | 21 | 8 | 111 |
| Septicæmia | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 9 | 7 | 6 | 11 | 9 | 19 | 25 | 24 | 113 |
| | United States Census, 1830, 80,990. Death rate, 25.75. | | | | | | United States Census, 1840, 102,513. Death rate, 19.85. | | | | | | | | | | United States Census, 1850, 169,054. Death rate, 24.81. | | | | | | | | | |

# REPORT.

BALTIMORE, January 1st, 1884.

GEORGE W. BENSON, M.D.,

*Commissioner of Health.*

SIR—I respectfully submit the following report for the year ending December 31st, 1883.

The tables appended exhibit the work of the employees of this Department.

The work of cleaning the sewers during the past year was executed with all possible diligence, and the amount of refuse removed was greater than in any previous year. The total amount of filth, etc., removed from the various sewers was three thousand one hundred and twenty-six (3,126) cart-loads.

I am again compelled to call attention to the importance of providing means for flushing the sewers. A greater economy can be practiced, and the sewers cleansed of small deposits by a frequent and free use of water.

It is necessary that a larger appropriation be made for this work than it has been customary to provide, as the amount of work to be done will be materially increased.

Harford Run, which is in many places but an open sewer, is in a shockingly bad condition, due to the deposition of filth, which is the source of discomfort and disease to those living in its vicinity, and must be removed as a temporary abatement until the contemplated improvements are made.

Every effort should be put forth to have appropriations made for the dredging of Jones' Falls between Canton avenue and Gay street, and that portion of Harris' Creek between Lancaster and Boston streets. At low tide the beds of both streams are exposed to the action of the sun, and it is apparent to every one who is compelled to reside in the neighborhood of either, that the gases arising are anything but conducive to health.

Attention should also be directed to that portion of the city lying south of Monument street, and between Gist street and the Eastern limits. At the intersection of Monument and Patapsco streets, the sewer for the diversion of Harford Run empties, and the sewage therefrom is allowed to meander over a large area before it reaches the river. In its sluggish flow towards the river, deposits occur, and the stream, after heavy rains, overflows its usual confines and renders a large portion of the surrounding land marshy, and upon which rank vegetation flourishes.

These marshes are a fruitful source of miasm, and from observation and the experience of physicians practicing in this locality, I am of the opinion that these foul marshes are a fruitful source of malarial trouble. Whilst statistics may not show that malarial fevers are

returned as the immediate cause of death, yet the influences exerted by malaria in other diseases are greatly to be feared. This locality can be improved by continuing the sewer from its present terminus to the harbor. This improvement made, a vast area of marshy land will be reclaimed, its value increased, tax receipts augmented, and the health of thousands of people materially improved.

A great advance could be made in the present mode of removal of the accumulations from trapped inlets to sewers. The filth from these traps is deposited on the street and there allowed to remain until sufficiently dry to be carted. Closed water-tight receptacles, or covered carts, should be provided for the removal of these filthy deposits instead of the present mode.

Provision should be made for the disposal of all refuse material which is likely to decay or become offensive, by requiring all persons, under a penalty, to remove it to some designated locality, such as the present garbage dumps for removal from the city, instead of throwing it or dumping it upon low lands or vacant lots, as this may eventually prove detrimental to the health of persons occupying habitations erected thereon.

During the past year a great quantity of lime and disinfectants were used in the streets, lanes and alleys of the city. This work of disinfection can be performed more expeditiously and effectively than at present, if the means suggested in my last report be availed of.

The thanks of this Department are due the Police,

Fire, and City Commissioners' Departments, and the Engineer of the Harbor Board for the many favors shown.

With many thanks for the courtesy extended me

I remain,

Very respectfully,

Your obedient servant,

JAMES F. McSHANE, M.D.,
*Assistant Commissioner of Health.*

# TABLES.

Number of Nuisances examined and abated by Sanitary Inspectors, (1883.)

| | |
|---|---|
| Alleys cleaned | 196 |
| " repaired | 177 |
| " paved | 185 |
| Premises cleaned | 659 |
| " disinfected | 994 |
| Vacant lots cleaned | 135 |
| " " drained | 84 |
| " " filled | 41 |
| Manure pits reconstructed and repaired | 57 |
| Drain pipes cleaned | 21 |
| " " repaired | 30 |
| " " laid | 38 |
| Yards cleaned | 170 |
| " drained | 98 |
| " repaired | 63 |
| " paved | 140 |
| Gas, water pipes and hydrants repaired | 65 |
| Gutters repaired | 39 |
| Privies inspected and ordered cleaned | 952 |
| " reconstructed or repaired | 191 |
| Stables reconstructed | 23 |
| Rain spouts reconstructed | 32 |
| Ice ponds inspected and permits granted | 22 |
| " " " " refused | 0 |
| Excavating establishments inspected | 7 |
| Slaughter houses inspected | 7 |
| Cases of infectious diseases inspected | 1355 |
| Grass removed from gutters | 107 |
| Complaints examined and no nuisance found to exist | 1387 |
| Miscellaneous | 34 |
| Total | 7204 |

JAMES F. McSHANE, M.D.,
*Assistant Commissioner of Health.*

Notices, Orders, etc., issued from the Health Department and number of Official Letters written and received during the year 1883.

| | |
|---|---|
| Number of notices issued to clean privies on complaint | 3,451 |
| Number of notices issued to clean yards | 355 |
| Number of notices issued to clean and bail out cellars | 289 |
| Number of notices issued to clean, grade and pave alleys | 630 |
| Number of notices issued to drain and fill lots | 255 |
| Number of notices issued to clean and repair water closets | 105 |
| Number of notices issued to clean and properly construct manure pits | 86 |
| Number of notices issued to clean grass and weeds from gutters | 263 |
| | 5,434 |
| Number of permits issued to open sinks | 26,349 |
| Number of permits issued to open sinks at night | 53 |
| Number of official letters written | 388 |
| Number of official letters received | 527 |

JAMES F. McSHANE, M.D.,
*Assistant Commissioner of Health.*

Number of Interments in the Eastern and Western Public Cemeteries during the Year 1883.

| EASTERN PUBLIC CEMETERY *G. Rinehart, Sup't.* | | WESTERN PUBLIC CEMETERY *F. A. Kerchner, Sup't.* | |
|---|---|---|---|
| January | 40 | January | 58 |
| February | 40 | February | 29 |
| March | 28 | March | 20 |
| April | 13 | April | 25 |
| May | 15 | May | 16 |
| June | 16 | June | 12 |
| July | 16 | July | 16 |
| August | 18 | August | 11 |
| September | 12 | September | 15 |
| October | 15 | October | 8 |
| November | 18 | November | 17 |
| December | 11 | December | 12 |
| | 242 | | 239 |

Total number of interments during the year..... 481

JAMES F. McSHANE, M.D.,
*Assistant Commissioner of Health.*

Table showing amount of Night Soil delivered at Foley's and Winans' Dumps, 1883.

| Foley's Whf. Canton. | Loads. | Gallons. | Winans' Whf. Sp'g Gardens. | Loads. | Gallons. |
|---|---|---|---|---|---|
| January | 317 | 63,400 | January | 982 | 187,480 |
| February | 528 | 105,600 | February | 1,661 | 321,200 |
| March | 1,007 | 191,320 | March | 2,320 | 463,720 |
| April | 1,287 | 250,400 | April | 3,865 | 742,040 |
| May | 2,104 | 390,340 | May | 5,347 | 1,033,220 |
| June | 1,736 | 344,100 | June | 4,508 | 887,600 |
| July | 1,369 | 273,800 | July | 3,572 | 696,100 |
| August | 1,112 | 222,400 | August | 3,470 | 686,160 |
| September | 1,000 | 200,000 | September | 3,117 | 604,740 |
| October | 692 | 138,400 | October | 2,503 | 488,560 |
| November | 559 | 111,800 | November | 1,790 | 350,620 |
| December | 399 | 79,800 | December | 1,392 | 280,560 |
| Total | 12,110 | 2,371,360 | Total | 34,527 | 6,742,000 |

Total number of loads delivered at both dumps..... 46,637
" " gallons " " " .....9,113,360

JAMES F. McSHANE, M.D.,
*Assistant Commissioner of Health.*

Transcripts from the Records of Deaths for the year ending December 31st, 1883.

| | |
|---|---|
| For life insurance claims | 60 |
| " pension claims | 26 |
| To establish other claims | 4 |
| For the courts, in evidence | 5 |
| To be sent to Germany to prove death | 5 |
| " " England " " | 2 |
| " " France " " | 1 |
| For other purposes | 5 |
| | 108 |

JAMES F. McSHANE, M.D.,
*Assistant Commissioner of Health.*

# REPORT

— OF THE —

# RESIDENT PHYSICIAN

— AT THE —

# QUARANTINE HOSPITAL.

# REPORT.

QUARANTINE HOSPITAL—PORT OF BALTIMORE,
January 1st, 1884.

*To the Honorable the Mayor*
*and City Council of Baltimore:*

GENTLEMEN:

I have the honor to herewith submit the report of the Quarantine and Pest Hospital for the year ending December 31st, 1883. In assuming charge of this hospital, on November 1st, I addressed a communication to your Honorable Body calling your attention to several facts, which permit me to reiterate:

1st. That the quarantine tugboat *Laura B. Treusch*, exploded her boiler on the 6th of July last, causing the death of one, and the painful scalding of another of the employees of this service, since which time she has been lying at the hospital wharf, neither my predecessor or myself deeming her worth the expense of repairs. I would, therefore, recommend the sale of the *Treusch*, and the purchase or construction, at once, of a new and more suitable boat for the proper conduct of the duties of this service. Especially is this necessary, as in the near future the quarantine will be removed to the new hospital at "Leading Point," at

which place it will be absolutely necessary to have a boat capable of standing the heavier weather, seas and ice of the lower river. In view of these facts I cannot too strongly urge this matter upon you.

2d. At present we have no right of way from the new hospital at "Leading Point" to the public road, this should be done by condemnation, as during the quarantine season the marketing will have to be done by land, in the winter it can be done by boat.

3d. The road between *this* hospital and the bridge should be made a shell road, making the drive to the city limits easy and comparatively short. During the greater portion of the winter season it is almost impassable and totally unfit to haul sick people over.

I would respectfully urge the separation of the two services, and the removal of the quarantine to the new hospital at "Leading Point. That hospital should be completed, furnished, and ready for occupancy before the approaching quarantine season which begins May 1st. The distance by land from the city to the new hospital being twenty miles, and the ice at certain seasons making the removal of patients impossible, I would, therefore, suggest that the present place be retained exclusively as a city pest hospital, and the farmer here be allowed an assistant, to enable him to raise vegetables, hay, corn, oats, ect., sufficient to supply both places, otherwise the expense attending the purchase of such supplies will necessarilly be very great. The land attached to the new hospital will not be in a condition to cultivate for some time, having just had a growth of pine and other timber cut off it.

I desire to call your attention to the fact that the hospital building at "Leading Point" has no kitchen or laundry attached to it, and also that the sleeping apartments for both men and women are in the same building. This, I think, an unwise arrangement, and would, therefore, recommend the erection of a small building in the rear of the hospital, with a kitchen and laundry below and sleeping apartments for females above.

Water has not yet been procured, nor have tanks for its reception, or a windmill to force it up, been erected. This is very important and should be attended to.

In connection with a quarantine hospital, it is necessary to have an anchorage for vessels to be detained, either with sickness on board, or from infected ports, isolated as much as possible from other shipping. The best place for this purpose is Curtis' Creek. I therefore recommend that an anchorage be buoyed off, and the approach to it dredged out. The creek, I understand, has from twenty-five to twenty-seven feet of water inside its mouth, but a bar running across makes it impossible for large vessels to enter.

It will be necessary to have telephonic communication from the new hospital to the Health Office, as well as the shipping community. The cheapest plan would be, I think, to extend the wire from this place to a point on Curtis' Creek just above navigable water, and then cable, to go all the way around by land the distance would be very great, and to cable across navigable water, vessels dragging their anchors would be apt to break the wire.

Your Honorable Body will be called upon at an early

date for an appropriation to furnish and equip the new hospital at "Leading Point." This should be done either under the supervision of a committee of the Council, or by the Health Department.

The expense of the quarantine will be greater in the future than in the past, because at this place the farm supplies the table and stock very largely, and the fact that the new hospital is to be heated by steam or hot air, may make the services of another man necessary.

Although yellow fever raged to an alarming extent in many of the foreign ports which are in constant shipping communication with us, yet only two vessels with cases of that disease on board were consigned to this port, one of these with one case was detained at Cape Charles Quarantine (established under the supervision of the United States Marine Hospital Service). The other came up to this place, was boarded and found to have seven cases on board, but the vessel was ordered back to the Cape Charles Quarantine, by the Mayor and Health Commissioner, who, recognizing the nearness of this place to the city, and fearing the spread of the disease, consented to the inspection and detention, if *necessary*, of vessels bound to this port, by the United States Marine Hospital Service, at Cape Charles. The result was much inconvenience to our shippers, expense, vexations, unnecessary delays to vessels. This will be obviated in the future by the opening of the new hospital at "Leading Point."

During the past year small-pox has been quite prevalent in our city. Five hundred and twenty-five patients have been treated at this hospital, including those

remaining over from 1882. Of these, five hundred and four were cases of small-pox; the others were sent for quarantine or mistaken diagnosis. One hundred and seventy-one have died, three hundred and fifty-three have been discharged, cured, and one still remains in the hospital (see table IV). Fifty vessels have been detained from infected ports, and have been cleansed and disinfected (see table III).

Seven hundred and eighteen vessels have been boarded during the year 1883 (see table I), and from these vessels, and a few county patients, and cases sent by the United States Marine Hospital Service, we have collected and paid into the city treasury $6,359.46.

The cost of maintaining the quarantine and pest hospital for the year was $25,000, as more fully shown in the Health Commissioner's report. You will perceive there is a deficiency of $88.81, which the large amount of sickness treated, clothing furnished, coffins purchased, together with the equipment of four new barracks built by the city the past winter, will amply explain; in fact, we think this place has been maintained both economically and effectually.

Dr. Severn P. Costin, who ably assisted Dr. J. McH. Howard through the greater portion of the small-pox epidemic, died of diphtheria the beginning of the year. He was beloved by all who knew him, but only his friends could estimate his goodness, his charity in thought as well as deed. His kindness knew no limit. It was as constant and loyal as it was encouraging and judicious.

Dr. J. McH. Howard, who after serving with honor and distinction for the past three years, resigned the

position of physician in charge of this hospital on November 1st, to resume the practice of his profession.

The employees of the place are deserving of praise for the efficient and faithful manner in which they have discharged their respective duties.

Very respectfully,

SYDNEY O. HEISKELL,
*Quarantine Hospital Physician.*

# TABLES.

TABLE I.

Showing the number and class of vessels boarded and inspected at Quarantine, for the year ending December 31st, 1883.

| Months. | CLASS OF VESSELS. | | | | | |
|---|---|---|---|---|---|---|
| | Steamships. | Ships. | Brigs. | Barks. | Schooners, Sloops. | Total. |
| January | 8 | .... | .... | 1 | 17 | 26 |
| February | 8 | .... | 1 | .... | 11 | 20 |
| March | 14 | .... | .... | .... | 3 | 17 |
| April | 14 | 1 | .... | .... | .... | 15 |
| May | 35 | 1 | 9 | 19 | 62 | 126 |
| June | 37 | 5 | 6 | 17 | 37 | 102 |
| July | 42 | 1 | 4 | 15 | 42 | 104 |
| August | 60 | 1 | 5 | 19 | 31 | 116 |
| September | 44 | 3 | 4 | 18 | 26 | 95 |
| October | 36 | 5 | 3 | 15 | 25 | 84 |
| November | 7 | .... | .... | .... | .... | 7 |
| December | 6 | .... | .... | .... | .... | 6 |
| Total | 311 | 17 | 32 | 104 | 254 | 718 |

TABLE II.

Showing the amount of money received for Quarantine and Hospital Fees and paid to the City Register for the year ending December 31, 1883.

| MONTHS. | CLASS OF VESSELS. | | | | | | |
|---|---|---|---|---|---|---|---|
| | Steamships. | Ships. | Brigs. | Barks. | Schooners and Sloops. | Hospital. | Total. |
| January | $137 08 | ..... | ..... | $6 44 | $34 00 | ..... | $177 52 |
| February | 123 00 | ..... | $2 41 | ..... | 22 00 | ..... | 147 41 |
| March | 280 21 | ..... | ..... | ..... | 6 00 | $492 50 | 778 71 |
| April | 248 82 | $12 38 | ..... | ..... | ..... | 7 00 | 268 20 |
| May | 418 54 | 19 55 | 26 70 | 98 92 | 183 12 | 90 50 | 837 33 |
| June | 442 66 | 50 42 | 16 46 | 90 02 | 102 57 | ..... | 702 13 |
| July | 513 78 | 12 34 | 10 00 | 79 34 | 121 56 | 47 20 | 784 22 |
| August | 746 68 | 16 05 | 16 15 | 108 13 | 93 54 | 36 70 | 1,017 25 |
| September | 554 32 | 34 58 | 11 40 | 117 50 | 91 52 | ..... | 809 32 |
| October | 398 76 | 55 73 | 6 42 | 82 85 | 84 98 | ..... | 628 74 |
| November | 115 99 | ..... | ..... | ..... | ..... | ..... | 115 99 |
| December | 92 64 | ..... | ..... | ..... | ..... | ..... | 92 64 |
| Total | $4,072 48 | $201 05 | 89 54 | $583 20 | $739 29 | $673 90 | $6,359 46 |

## TABLE III.

Showing the Number and Class of Vessels detained at Quarantine for cleansing and disinfecting for the year ending December 31st, 1883.

| Months. | CLASS OF VESSELS. | | | | | |
|---|---|---|---|---|---|---|
| | Steamships. | Ships. | Brigs. | Barks. | Schooners, Sloops. | Total. |
| January | .... | .... | .... | .... | 14 | 14 |
| February | .... | .... | .... | .... | 11 | 11 |
| March | .... | .... | .... | .... | 3 | 3 |
| April | .... | .... | .... | .... | .... | .... |
| May | 1 | .... | .... | .... | 1 | 2 |
| June | 4 | .... | .... | .... | 1 | 5 |
| July | 1 | .... | 1 | .... | .... | 2 |
| August | 7 | .... | .... | .... | .... | 7 |
| September | 6 | .... | .... | .... | .... | 6 |
| October | .... | .... | .... | .... | .... | .... |
| November | .... | .... | .... | .... | .... | .... |
| December | .... | .... | .... | .... | .... | .... |
| Total | 19 | .... | 1 | .... | 30 | 50 |

TABLE IV.

Showing the Number of Patients treated for the year ending December 31, 1883.

| Diseases. | Remaining over from 1882. | Received in 1883. | Discharged in 1883. | Died in 1883. | Remaining in Hospital. | Total. |
|---|---|---|---|---|---|---|
| Small-pox | 109 | 395 | 353 | 171 | .... | 504 |
| Measles | .... | 8 | 8 | .... | 1 | 8 |
| Syphilis | 2 | .... | 2 | .... | .... | 2 |
| Erysipelas | .... | 1 | 1 | .... | .... | 1 |
| Quarantined | 4 | 6 | 10 | .... | .... | 10 |
| Total | 115 | 410 | 374 | 171 | 1 | 525 |

# SYNOPSIS

OF

# BALTIMORE CITY.

# SYNOPSIS OF BALTIMORE.

The city of Baltimore lies in latitude 39° 18′, longitude 76° 36′. It is situated on the Patapsco river, one of the tributaries of the Chesapeake Bay, which divides the State of Maryland into two portions—Eastern and Western, the city of Baltimore being on the Western portion, about 14 miles from the mouth of the Patapsco river, covering an area of 9,600 acres. The population is estimated by the police census of 1882: White, 348,900; colored, 59,620; total, 408,520. Number of houses, 80,000; the value thereof and ground, $191,326,000.

The streets are about 300 miles long, the sewers about 10 miles, the city being surface-drained to a great extent.

The water supply is from a small stream called Stony Run, emptying into Jones' Falls, and also from the Gunpowder river, which sources yield 26,000,000 of gallons daily, allowing 65 gallons per day to each inhabitant.

The rain-fall for five years is as follows: 1878, 50.09 inches; 1879, 36.01; 1880, 41.90; 1881, 49.12; 1882, 42.41.

The city is cleaned by laborers employed by the city, scraping and sweeping. The daily average of loads of

dirt removed is 626, at the cost of about $95,000 per year. The refuse and garbage is removed daily by carts calling at each house, averaging about 600 loads a day, at the cost of about $104,000 per year. The police force consists of three Commissioners, one Marshal, one Deputy Marshal, seven Captains, ten Detectives, twelve Lieutenants, fifty-one Sergeants, twelve Turnkeys, and five hundred and twenty-five policemen. The Marshal has a clerk, and there is a clerk to the Board of Commissioners. The expenses of the Department are about $606,000 per year.

The public conveyances are composed of 304 horse railway cars, 60 omnibuses, and 350 hacks.

There are 117 slaughter houses, all under private management.

There are about 151 miles of horse car track, served by 304 cars, 2,830 horses, and 1,352 men.

The streets are lighted by 225 electric lights, costing $255 each per annum; 5,000 gas lamps, burning five feet of gas per hour, at $1.85 per 1,000 cubic feet, consumption averaged by a number of meters inclosed in the iron lamp-posts, located in different parts of the city; also, 1,050 gasoline lamps in small streets and alleys where there are no gas mains, costing $15.00 per annum, kept in repair by contract. The city light, extinguish and clean the lamps, and own all of the posts, lanterns and burners.

The City Hall fronts on Holliday street, one square north of Baltimore street, between Fayette and Lexington, to North; built of white marble, with Mansard roof, iron dome (with bell, "Big Sam," weighing

5,000 lbs.), 260 feet high, with observatory balcony nearly 250 feet; contains all the departments of the city government, including both branches of the City Council. The interior is beautifully finished. Holliday Street Theatre is just opposite, the Hoen Building north, and the new city Postoffice, now in course of construction, occupies the square west of it; Odd Fellow's Hall, on North Gay street, one square east; Castle Hall, Knights of Pythias, opposite Odd Fellows' Hall; Merchants' Shot Tower, 246 feet high, corner of Front and Fayette streets; Maryland Institute, on Baltimore street, near the bridge; Exchange Building, corner of Gay and Lombard streets, contains Postoffice and Custom House; Chamber of Commerce, on Second street, between Postoffice avenue and south Holliday street; New Stock Exchange, on German, near South street; Safe Deposit Company, on east side of South, below Baltimore street; *Sun* building, southeast corner of Baltimore and South; the *American*, on the southwest corner; B. & O. R. R. Company's Central Office, northwest corner of Calvert and Baltimore streets; Barnum's Hotel, the southwest corner of Calvert and Fayette streets; City Court House, southwest corner of Lexington and Calvert; Guy's Hotel, south of it, and in front of both is Monument Square, with the Battle or Baltimore Monument erected to those who fell in the battle of North Point, 1814; Young Men's Christian Association Building, northwest corner of Charles and Saratoga; Wilson Building, opposite, contains the Wilson Sanitarium, and the Mercantile Library, which has 38,700 volumes; The Athanæum, one square east, corner of St. Paul street, contains the Maryland Historical Society, the Academy of Sciences and Museum

of Natural History; on North Charles street is the Decorative Art Society, Woman's Industrial Exchange, and the palace of the Archbishop; the Cathedral, a massive granite building, northeast corner of Mulberry and Cathedral streets; Enoch Pratt Free Library, on Mulberry, in the block west of Cathedral; on Howard street, west side, above Franklin street, you will find the Natatorium, Academy of Music and Johns Hopkins University; corner of Park and Centre you will find the Academy of Visitation; at the intersection of Charles and Monument streets is the Washington Monument, 190 feet high, 100 feet above tidewater, 228 steps to ascend. This neighborhood is known as Mount Vernon Place, with the Peabody Institute, on the southeast corner, containing Art Gallery, Library and Conservatory of Music; Mount Vernon Church, on the northeast corner; Mount Vernon Hotel, two squares west, and St. James, one square south; Ford's Grand Opera House, near the corner of Fayette and Eutaw streets; Academy of Sciences, St. Paul and Saratoga streets; Medico Chirurgical Society, 122 West Fayette street; Asylum for the Blind, North avenue and Calvert street; for the insane (Spring Grove), near Catonsville, west of the city; Mount Hope Retreat, four miles from the city, on Western Maryland Railroad; Bayview, for paupers, east of city and north of Canton; Baltimore Medical College, 92 North Paca street; Eye and Ear Institute, No. 55 Franklin street; General Dispensary, Liberty street, north of Fayette; College of Dental Surgery, Eutaw and Franklin streets; Physicians and Surgeons, Calvert and Saratoga streets; Womans' Medical College and Hospital, 126 North Eutaw street; Dental Infirm-

ary of University of Maryland, Green, near Lombard street; Johns Hopkins Hospital, North Broadway and Jefferson street; Hebrew Hospital, opposite; Presbyterian Eye, Ear and Throat Hospital, East Baltimore, east of Exeter street; St. Joseph's Hospital, North Caroline, above Preston street; University of Maryland Hospital, Greene and Lombard streets; City Hospital, Calvert and Saratoga; Maternite, Lombard street, near Sharp; Nursery and Child's, Franklin and Schroeder streets; St. Vincent's, Bolton and Laurens streets; Union Protestant Infirmary, Division and Mosher; Institution for Colored Blind and Deaf Mutes, Saratoga, between Pine and Pearl streets; Woman's Hospital, 51 Saratoga street; University of Maryland, School of Medicine and Law, Lombard and Greene streets.

# ANNUAL REPORT

OF THE

# HARBOR BOARD

TO THE

## Mayor and City Council of Baltimore,

FOR THE

FISCAL YEAR ENDING DECEMBER 31, 1883.

# HARBOR BOARD OF BALTIMORE, 1884

---

HON. F. C. LATROBE, Mayor,
President Ex-officio.

JAMES S. WOODSIDE, Secretary.

JOHN W. McCOY,
WM. H. SKINNER,
} Executive Committee.

ALEXANDER JONES,

ROBERT T. BALDWIN,

JAMES BOND,

N. H. HUTTON, Engineer.

J. H. IRVIN, Jr., Clerk.

# REPORT.

OFFICE OF THE HARBOR BOARD,
BALTIMORE, January 2, 1884.

*To the Honorable the Mayor*
*and City Council of Baltimore:*

GENTLEMEN:

The conspicuous fact in this year's work of the Harbor Board is that, in conjunction with the great excavation made meantime by the United States Government, the city of Baltimore has now direct and deep channel communication with the ocean at the mouth of Chesapeake Bay. This channel, in the main over 200 feet wide, is nowhere less than 180 feet in width, nor less than 27 feet deep at mean low water.

The urgent duty of the city is, in the judgment of this Board, to widen, at once, these channels within the city's maritime limits, so as to meet the prospective work of the general government through the length of the river, and as far as necessary down the bay.

To do this work properly, in 1884, will require from the city about $50,000.

EXCAVATION IN 1883.

Under contract with the Board, Mr. Daniel Constantine removed from Middle Branch, (Spring Gardens), 58,660 cubic yards of sediment, at 16 cents per yard, thereby adding 75 feet of breadth to the previous 15 feet deep channel, from off Hanover Street Wharf to a point opposite Ranstead's Dock, thus making this channel 150 feet wide.

The lateral channels here, and the channel above Ranstead's Wharf, to foot of Eutaw street, were freed from the mud deposit made since last dredging, and are now 12 feet deep.

MAIN CHANNELS.

Mr. T. P. Morgan, under contract with this Board, in 1883 removed 143,948 cubic yards of bottom, at 19 cents per yard, thus deepening to 27 feet, at mean low water for 200 feet in breadth, the channels previously 24 feet deep, running 4,400 feet on the south side of the harbor from Locust Point, and 2,200 feet on the north side from the Northern Central Railroad Company's Elevator, to a common point of intersection with the United States Government channels, near the Lazaretto, which lead, with a depth of 27 feet at mean low water, from thence to the sea.

BACK BASIN AND DOCKS.

The American Dredging Company has, in the year 1883, excavated from the Back Basin 33,514 cubic yards, and from other docks 17,145 cubic yards at 20 cents per yard.

The Back Basin, the receptacle of a great amount of deposit, (including all that brought down by Harford Run), is now fourteen feet deep at mean low water. The dock south of its centre pier is twelve feet deep; the deposit has been removed from under the draw-bridge, and a cut 50 feet wide by 15 feet deep made from the west end of the basin up Jones' Falls to Eastern avenue bridge.

### TOTAL DREDGING AND COST IN 1883.

The total dredging for 1883 covers an area of about 50 acres, and aggregates 253,267 cubic yards. Its cost was $47,525.84.

### SMALL APPROPRIATION OF 1883.

The small appropriation in 1883 limited the excavation and thus prevented the preservation of the proper depths in the harbor generally. It will be very unwise to suffer this decrease of depth to go on.

The city drainage each year into the harbor manifestly requires to be promptly removed, as much as the deep channels now require additional width.

### WHARVES AND WHARF REPAIRS.

In April, 1883, Mr. Andrew Brown completed his contract of 1882 by planting 483 linear feet of pile and timber foundations on the north side of Back Basin, and building thereon about 470 linear feet of stone wall six feet high.

He also refilled and paved 30 feet in width of the street back of the wall. For this wall there was paid him in 1882, $3,500.16, and in 1883, $6,211.26, making a total of $9,711.42.

For the continuation of this work, the contract was given in 1883 to Mr. Wm. R. Weaver, who has planted 75 linear feet of pile and timber foundation and built thereon stone wall to meet the wall of Harford Run, built by the City Commissioner's Department. He has been paid for this in full $1,338.10.

### SUNDRY REPAIRS TO WHARVES.

Material and necessary repairs have been made to the wharf at foot of Hanover street, at a cost of $1,039.62; to the wharf at foot of Charles street at cost of $250.15; to parts of Long Dock and foot of South street at cost of $523,92; wooden bulkheads have been rebuilt at West Falls avenue, Hughes street, County Wharf and Caroline street, at a cost of $400.61, and some smaller repairs made at City Dock and at foot of Calvert street at cost of $198.10.

Decayed bulkheads at City Dock and at foot of South street gave way in November, the repair of which is progressing as rapidly as the season will allow.

### ICE BOAT.

The ice boat was needed for a few days only in her special work the past winter, but was availed of (under city authority) for several trips of the Free Summer Excursion Society and for some other public occasions, such as the Oriole Celebration, etc., etc.

Some necessary repairs were made to her during the year, and she is now in the best condition.

## RECOMMENDATIONS FOR WORK IN 1884.

Owing to the very small appropriation for 1883, the work of excavation was necessarily confined tc deepening the main seaward channels, to the removal of the large deposit in the Back Basin and other docks.

Without money means it has been impossible to preserve the general harbor depths as they were previously.

The city certainly does not want a continuance of this damage.

The drainage of sediment into the harbor from the city streets and sewers, and from Jones' Falls, &c., is constant and needs to be constantly removed. And, assuredly, the city does want a widening and deepening of the main channel.

This Board, in its plain duty to the city, urgently recommends for excavation, in the year 1884, an appropriation of not less than $80,000; this, and not less than this, will enable us to widen the 27 foot channels to 300 feet, an imperative necessity, and therein to remove the hard shoal off Fort McHenry.

| | |
|---|---|
| This work will cost | $50,000 00 |
| To restore and deepen channels, along the coal piers, will cost | 15,000 00 |
| To preserve a proper depth in Back Basin and docks, will cost | 10,000 00 |
| Amount carried forward | $75,000 00 |

| | |
|---|---|
| Amount brought forward..... | $75,000 00 |
| To remove deposits from Middle Branch, (without any further improvement there), will cost ..... | 5,000 00 |
| | $80,000 00 |
| (These excavations will include about 400,000 cubic yards.) | |
| The Ice Boat *Latrobe* will need, should the next winter require her service.... | $10,000 00 |
| The great present value of the Back Basin, and its much greater prospective value, with increased depth of water, induces this Board to urge for additions in continuance of the present stone wall, the sum of..... | 10,000 00 |
| And for general wharf repairs this Board respectfully asks for..... | 5,000 00 |
| Total appropriation asked for ..... .... | $105,000 00 |

THE UNITED STATES CHANNELS.

Under Col. Wm. P. Craighill, United States engineer, there has been done by the general government in the past year for the benefit of this city an amount of excavation that is really without precedent.

The most powerful fleet of excavators of which we have any knowledge has been steadily at work in the Patapsco river and the Chesapeake Bay. There has thus been removed over four and a half million cubic yards of bottom—fully three million cubic yards of it in the year just closed.

The result is channels 17 miles in length from our harbor mouth to the deep water of the bay. These channels are fully 27 feet deep at mean low tide, in the main more than 200 feet wide, and nowhere of less breadth than 180 feet.

The government will, no doubt, promptly increase their breadth, and it is thus the manifest duty of the city to widen her own channels at once, so as to avail fully of the vast work done and to be done for her benefit.

To the influence of Col. Craighill's character as an officer of the highest skill and integrity we are indebted mainly for the large appropriation required by his work, and to his energetic conduct of it the city is under the strongest obligation for the service he has rendered in making her water approaches so ample and so admirable.

## IMPORTANT RECOMMENDATIONS.

The Board respectfully asks attention to that part of the engineer's report herewith, recommending State legislation as to limiting lines of wharf building outside the harbor proper.

Secondly, to the creation by the city government of some authority competent to decide at all times (whether the Council be in session or not), on petitions for wharf building or wharf extension; and to his criticism on the fact that the drawbridge, which should be always ready for opening at any daylight hour, is

now absolutely closed against all entry of vessels for an hour in the middle of every day.

Respectfully submitted,

JOHN W. McCOY,
WM. H. SKINNER,
*Committee.*

Approved by the Board:

JAMES S. WOODSIDE, *Secretary.*

# ENGINEER'S REPORT.

*Statement of Receipts and Disbursements of the Harbor Board of Baltimore, for the year ending December 31, 1883.*

| | HARBOR. | | ICEBOAT. | | REPAIRS OF WHARVES. | | REPAIRS AT CITY DOCK (NEW WALL). | | SPRING GARDENS (MIDDLE BRANCH). | |
|---|---|---|---|---|---|---|---|---|---|---|
| Re-appropriation of unexpended balances of 1882 to cover contracts | | $20,962 77 | | | | | | $6,250 31 | | |
| Appropriations for work of 1883 | | 30,000 00 | | $10,000 00 | | $4,000 00 | | 3,000 00 | | $10,000 00 |
| *Expenditures as follows:* | | | | | | | | | | |
| Contracts for dredging and repairs at City dock | $38,623 33 | | | | | | $7,549 36 | | $8,884 16 | |
| Repairs of wharves (done by Harbor Board) | | | | | $2,412 40 | | | | | |
| Salaries and wages | 9,775 21 | | $5,956 02 | | 982 50 | | 1,147 50 | | 1,085 00 | |
| General supplies | 421 82 | | 948 43 | | | | 3 47 | | | |
| Fuel | 643 05 | | 700 35 | | | | | | | |
| Repairs to tug and iceboat | 1,240 18 | | 2,299 96 | | | | | | | |
| Advertising | 22 73 | | | | | | 29 45 | | 30 77 | |
| Miscellaneous | 182 48 | | | | | | 131 25 | | | |
| Balance unexpended | 53 97 | | 95 24 | | 605 10 | | 389 28 | | 07 | |
| | $50,962 77 | $50,962 77 | $10,000 00 | $10,000 00 | $4,000 00 | $4,000 00 | $9,250 31 | $9,250 31 | $10,000 00 | $10,000 00 |

N. H. HUTTON, *Engineer Harbor Board.*

*Statement of Contracts Let and Work Done (Dredging, Repairs at City Dock and Repairs of Wharves), during 1883, under Supervision of the Harbor Board.*

| BY WHOM DONE. | KIND OF WORK. | DATE OF CONTRACT. | PRICES. | WORK DONE. |
|---|---|---|---|---|
| Daniel Constantine..... | Dredging. | June 15, 1882. | 17 cts. per cubic yard. | 1,600 cubic yards. |
| " " ..... | " | " " | 22 " " | 1,756 " " |
| " " ..... | " | April 11, 1883. | 16 " " | 58,660 " " |
| Thomas P. Morgan..... | " | May 17, " | 19 " " | 143,948 " " |
| American Dredging Co.. | " | May 12, " | 20 " " | 50,659 " " |
| Andrew Brown..... | Repairs at City Dock (New Wall). | May 19, 1882. | Per Schedule. | Completed. |
| Wm. R. Weaver..... | Repairs at City Dock (New Wall). | May 11, 1883. | " | " |
| Harbor Board..... | Sundry Repairs to Wharves (labor and material.) | | $2,412 40. | " |

| LOCATION OF DREDGING. | APPROXIMATE AREA DREDGED. | DEPTH OF WATER OBTAINED. |
|---|---|---|
| Middle Branch..... | 525,000 square feet. | 15 feet. |
| Harbor and Channels generally..... | 1,144,000 " " | 27 feet. |
| Back Basin..... | 275,000 " " | 14 feet. |
| Docks..... | 135,000 " " | 12 to 17 feet. |

SUMMARY OF RESULTS.

| YEAR. | AREA DREDGED. | AVERAGE DEPTH OF CUTTING. | TOTAL EXCAVATIONS. |
|---|---|---|---|
| 1883..... | 2,079,000 square ft. | $3\frac{1}{3}$ feet. | 256,623 cubic yds |
| Total December 31, 1882..... | 17,853,700 " | 6 feet. | 3,946,428 " |
| Total December 31, 1883..... | 19,932,700 " | $5\frac{7}{10}$ feet. | 4,203,051 " |

N. H. HUTTON, *Engineer Harbor Board.*

# REPORT.

ENGINEER'S OFFICE, January 2, 1884.

*To the President and Members*
*of the Harbor Board of Baltimore:*

GENTLEMEN:

I have the honor to submit the following "report of operations" during the year ending December 31, 1883;

## HARBOR.

Appropriations.

The appropriations made by the Mayor and City Council, applicable generally to the improvement of the river and harbor, amounted in the gross to $60,962.77, consisting of:

| | | |
|---|---|---|
| A special appropriation for the improvement of the Middle Branch, of | $10,000 00 | Spring Gardens. |
| The unexpended balance of the appropriation for "Harbor" of 1882 | 20,962 77 | Unexpended balance. |
| Re-appropriation of auction duties received from the State, of | 7,295 06 | Auction duce. |

Appropriation for Harbor for 1883.. ..... $22,704 94

Bids for dredging Spring Gardens.

After due advertisement, proposals were opened on April 5, for the dredging in Middle Branch, (Spring Gardens,) as per following schedule:

ABSTRACT OF BIDS FOR DREDGING.*

*Opened April* 5, 1883.

| | | | | | |
|---|---|---|---|---|---|
| Amer. Dredging Co . . . | 25 | cts. | per | cubic | yard |
| Daniel Constantine.... | 16 | " | " | " | " |
| Geo. C. Fobes & Co... | 22 | " | " | " | " |
| Thos. P. Morgan.. .... | 20 | " | " | " | " |

The contract was awarded on the same day to the lowest bidder, Mr. Daniel Constantine, (at 16 cents per cubic yard,) who commenced work on May 14, and completed his contract on September 1st, having removed 58,660 cubic yards of sand and mud.

Work done Spring Gardens.

The result of his work has been to add 75 feet in width by 15 feet depth at low water to the main dredged channel, extending from 15 feet depth off Hanover street wharf to a point opposite the dock in Ranstead's property, making throughout this distance (7,000 feet) a water-way 150 feet wide and 15 feet deep at mean low water.

The branch (or lateral) channels 75 feet wide, leading to wharves on east and west sides of this basin, were also cleaned out to

* To dredge and re-deposit material in river or bay where approved.

15 feet depth, and the channel above Ranstead's to foot of Eutaw street was re-established at 12 feet depth, by the excavation of deposits since 1882.

Proposals for dredging in the main harbor, Back Basin and docks, were opened on April 28, (after the necessary advertisement), with results as shown in schedule below:

Proposals for dredging in harbor and docks.

ABSTRACT OF BIDS FOR DREDGING.*

*Opened April 28th, 1883.*

| BIDDERS. | LOCATION OF DREDGING. | |
|---|---|---|
| | Channels. | Back Basin and docks. |
| Moore & Wright ..... | 23 cts. | 23 cts. |
| American Dredging Co... | 20 " | 20 " |
| Thomas P. Morgan..... | 19 " | 24 " |
| Daniel Constantine..... | 20 " | 22 " |

For the work in "harbor and dredged channels," Mr. T. P. Morgan was the lowest bidder, at 19 cents per cubic yard; and for that in Back Basin and docks, the American Dredging Company were the lowest, at 20 cents per cubic yard. These prices were undoubtedly high, but it would have been impossible to secure more favorable proposals, owing to the enormous demand for dredging plant on various river and harbor improvements, being carried on during the past year, by the national government;

* Price per cubic yard to dredge and re-deposit material in river or bay where approved.

notably in our own ship channels, as shown hereinafter. Contracts were accordingly closed on May 8th, with the parties named above.

Morgan's work.

Mr. Morgan commenced work on June 1st, and completed on October 3d, all the excavation that the money, at command, would permit; owing to the small amount of money available, work under his contract, was confined to the formation of channels 27 feet in depth, from Locust Point on the one side, and the Northern Central Elevator on the other side of the lower harbor, to a common point of intersection with the government channels, near Foley's Wharf, (Lazaretto Point).

Mr. Morgan removed 143,948 cubic yards, and formed a channel 200 feet wide, by 4,400 feet long, on the Locust Point side, and one 2,200 feet long and 120 feet wide, on the Canton side, forming a practicable connection with the 27 feet channels, excavated by the national government, under the direction of Lieutenant-Colonel William P. Craighill's corps of engineers.

American Dredging Co.'s work.

The American Dredging Company commenced operations in the Back Basin, (City Dock), on July 6th, and completed their contract on September 1st. They excavated and removed 50,659 cubic yards, of which 33,514 cubic yards were from the City Dock, and the remainder from docks corner Lee and Light streets, Fenhagen's and Mallory's

docks, foot of Washington street; and from the mouth of Harris' Creek, (Canton).

The Back Basin, (City Dock), had all deposits removed to 14 feet depth at mean low water.

The dock on south side of centre pier was cleaned out to 12 feet depth, and a cut 50 feet wide to 15 feet depth was made up Jones' Falls from western end of basin to Eastern avenue bridge. Cuts were also made to remove deposits under the draw-bridge at mouth of basin.

Areas, &c., of work done.

The areas dredged in the several localities are set forth in the accompanying tabular statement: The total area worked over was about 231,000 square yards (50 acres); the total excavation, 253,267 cubic yards, and the average depth of cutting $1\frac{1}{10}$ yards, or 3 feet $3\frac{1}{2}$ inches.

Cost of work.

The whole amount paid contractors for excavation in 1883, including 3,356 cubic yards of work done in 1882, was $47,525.84, or at the average rate of $18\frac{1}{2}$ cents per cubic yard.

General results

The paucity of the appropriation and the necessity for meeting the government channels about to be completed to Fort McHenry, render it impossible to do anything toward the restoration or improvement of the channels between Union Dock, and Fell's or Locust, Points. The work in Spring Gardens was done by virtue of a special ordi-

nance, and, aside from the formation of practicable channels 27 feet deep below Locust Point, work was confined to the City Dock, which yields a large revenue, and to other docks required by law to be cleaned out on demand of adjacent property owners.

The result has been that owing to the constant influx of sewage and street washings, into the Basin proper and Middle Harbor, (from Union Dock to Fell's Point,) the work heretofore done by the Board has greatly deteriorated, and it is highly important that this year should see at least the 300 feet wide channels thoroughly re-established in this portion of the harbor.

A glance at the tabular statements, and the average depth of cutting in the ship channels will also show that in order to attain the maximum practical result, with the smallest expenditure of money, the dredging done was "skimmed down" to the lowest point, leaving little or no margin in the channels excavated for the "filling in" sure to occur in the immediate future.

Dredging in channels, done by U. S.

It may not be out of place in this connection to refer to the enormous dredging operations that have been carried on during the past year in the bay and river, under the direction of Col. Craighill, looking to the increase of our ship channels from 24 feet depth, to 27 feet at mean low water.

There has been engaged on these channels

during the year just past the most powerful dredging fleet that has ever been collected or operated, at any time or in any country. When it is stated that the monthly excavations exceeded 500,000 cubic yards, and that in six months thirteen (13) miles of channel were increased in depth from 24 feet to 27 feet, for an average width of 250 feet, some idea may be formed of the work done and the energy developed. In addition to this thirteen (13) miles, four (4) miles of channel, 27 feet deep and not less than 180 feet wide, have under the same direction been excavated through the "swash" channel, where the excavation was from 10 feet to 13 feet in depth, much of it through compact sand and clay. This channel, known as the "Cut-off," saves one mile in distance over the former lines of ship channels, as also great difficulties in navigating and maintaining, the lower end of the Brewerton channel and the angle at intersection of that channel with the Craighill.

General results of U. S. work.

There is now a ship channel nowhere less than 180 feet wide and 27 feet deep at mean low water, from the Capes to Locust Point. The channels excavated by the government embrace a length of about seventeen (17) miles, and their increase to 27 feet depth (from 24 feet) including comparatively small amounts removed to maintain old channels while new ones were in progress, involved the excavation and removal of about 4,500,000

of cubic yards, of which over 3,000,000 were excavated in the past year.

Disposal of excavated material.

Returning to our own work, in the direction of harbor and river improvement, I would say that the difficulty so often referred to in regard to the disposal of excavated material still exists. The material dredged from the harbor and Middle Branch last year was deposited above Rock Point, along shore, from ten to twelve miles from the city limits.

The areas available for this purpose are rapidly diminishing, and, indeed, none now exist suitable for the scows used by the larger class of machines.

Dredging to be done in 1884.

The requirements for dredging during this year are, in my judgment, as given below, and are *minimum*:

For the Middle Branch—

| | |
|---|---|
| To remove sewer deposits, 25,000 cubic yards, at 20 cents..... | $5,000 |

Lower Harbor—

| | |
|---|---|
| To widen 27-foot channels to 300 feet, and remove to 27 feet hard shoal near Fort McHenry, 200,000 cubic yards, at 20 cents, and 50,000 cubic yards, at 30 cents..... | 55,000 |

Middle Harbor—

| | |
|---|---|
| To restore and deepen channels along coal piers and up north side to Falls, 50,000 cubic yards, at 20 cents..... | 10,000 |

Back Basin and docks—
50,000 cubic yards, at 20 cents... 10,000

Total, 375,000 cubic yards.. $80,000

Those amounts are the smallest that should be granted, if the harbor is to be maintained; and in the case of the lower and middle harbors, double the quantities given could be well used.

WHARVES.

City Dock and Back Basin.

At the close of the year 1882, the work of building a stone bulkhead, to replace the decayed wooden structure along the north side of City Dock, (Back Basin), was in progress, under a contract with Mr. Andrew Brown, who completed, in April, 1883, so much of the work as the appropriation would permit. He built, under this contract, 483 feet linear of pile and timber foundation, and about 470 feet of wall, six (6) feet high, together with the refilling and paving of the street at rear of wall, for a width of 30 feet.

Brown's work.

He was paid, in 1882 ..... $3,500 16
" " " 1883..... 6,211 26

Making a total of ..... $9,711 42

Additional appropriations City Dock.

The Mayor and City Council having appropriated $3,000 to complete this bulkhead to the mouth of Harford Run, proposals were invited for the work, and bids received as in schedule below:

ABSTRACT OF BIDS FOR NEW WALL CITY DOCK.

| KIND OF WORK. | Andrew Brown. | W. R. Weaver. |
|---|---|---|
| Price per 100 feet length of wall, for all excavations, grading, etc..... | $5 00 | $1 75 |
| Price per pile driven, and cut-off for yellow pine piles..... ..... .... | 6 50 | 3 80 |
| Price per pile driven, and cutt-off for oak piles... | 9 00 | 5 50 |
| Price per 1,000 feet B. M.. for all timber,&c.,including all workmanship,etc | 35 00 | 22 00 |
| Price per lb., for all iron used in the work..... | 07 | 3¾ |
| Price per cubic yard, for all masonry laid in place ..... ..... | 6 75 | 5 25 |
| Price per lineal foot, for coping secured in place. | 3 85 | 2 00 |

Weaver's work

Mr. William R. Weaver, being the lowest bidder, was awarded the contract on May 11th, 1883, and completed the work on September 6th, having constructed about 75 feet linear of wall, and timber, and pile foundation, including a return of about 12 feet, to meet wall along Harford Run, built under the City Commissioner's Department, together with the necessary refilling and paving in rear. He was paid on this account $1,338.10.

Results in City Dock.

The completion of Mr. Weaver's contract gives a continuous stone bulkhead, or revetment wall, from the mouth of Harford Run to the western end of the dock, on the north side, where it connects with a similar wall, extending up Jones' Falls, constructed by the Commissioner for the improvement of that stream.

Recommendation as to City Dock.

As this basin or dock is the most valuable and productive water front or wharf property owned by the city, and is capable of having its productive capacity enormously increased, by furnishing greater depths of water and more substantial wharf accommodations, I urgently recommend the continuation of its improvement by rebuilding the containing walls or foundations which will permit the excavation of the bottom so as to afford at least 17 feet depth of water at mean low tide.

Draw Bridge.

I would in this connection remark that there is room for improvement in the regulations governing the management of the drawbridge at the mouth of this basin. It should be opened on demand between daylight and dark, at all seasons, and its closure for one hour in the middle of the day, passengers or no passengers, should be abolished.

REPAIRS OF WHARVES.

Hanover street.

The flooring of wharf at foot of Hanover street, with many of the stringers and joists,

was decayed. The top of wharf was rebuilt for its whole length and width for 100 feet linear and for one-half its width for the remaining 100 feet. I would recommend pulling up the piles on the east side for the outer one hundred (100) feet, as the wharf is very wide and expensive to maintain, and very little used. The cost of repairs was $1,039.62.

Charles street.

The adjacent wharf, on the east, at foot of Charles street, was also decayed as to flooring, and was patched up at a cost of $250.15.

Long Dock and South street.

Portions of flooring at Long Dock and South street wharves were repaired at a cost of $523.92.

West Falls avenue, &c.

The wooden bulkheads at West Falls avenue, Hughes street, County wharf, and Caroline street, were rebuilt at an aggregate cost of $400.61.

Sundry repairs.

Sundry repairs of fenders, fender piles, ring bolts, &c., &c., were made to wharves at Central avenue, centre at Central avenue, centre pier (City Dock), pier (City Dock), Calvert street, &c., amounting in the aggregate to $198.10.

Centre Pier, City Dock.

During November considerable sections (about 200 feet) of the old bulkheads at Centre Pier (City Dock) and foot of South street gave way, and their immediate repair was necessary. Work on them is now under progress, but has been much delayed by stormy weather.

For 1884 I would recommend the appropriation of the following amounts: Work for 1884.

For continuing stone wall, City Dock.$10,000
" general wharf repairs..... 5,000

ICEBOAT.

The city iceboat was in commission about two weeks in January, 1883, breaking ice, and has been used during the summer for "Free Excursion Society's" trips to Bear Creek; also, for several excursions on occasions of general interest, such as the Oriole Celebration, &c.

New awnings and deck pumps were procured during the year, and the boat has been maintained in the best condition, both as to hull and machinery. Awnings, pumps, &c.

The sum of $10,000 is recommended to be appropriated for the care and maintainance of the boat during this year.

I would, in conclusion, call the attention of the Board to the desirability of having "limiting lines for wharf extensions," or Port Warden lines, established by the State, along the south and west shores of the Patapsco, from Light street bridge to Curtis' creek; on the northern and eastern shores, from Lazaretto Point to Sollers' Point. This section of the river, adjacent to the city, has already commenced to be occupied by wharves and bulkheads, and will probably be lined with them on both sides in the very near future. Port Warden lines, outside the city.

The powers and duties of the Board in this district, especially in regard to wharf extensions, need to be more closely defined and specified in the interest of the general public and for the preservation of the navigation of the river.

Permits to build or extend wharves.

I would also again call your attention to the necessity of some change in the law relating to permits for building wharves. As it is now, during the season of the year in which wharves are usually built, there is no power (lodged where it can be utilized) to grant the permission required by statute law, and ordinance, as an essential preliminary to any improvement of a water front.

The consequence is, that in order not to lay an absolute embargo on harbor improvement in this direction, we are compelled to let the law go uninforced, under the promise that *when* the Council meets application will be made to them in due form, though the wharf has actually been constructed months before.

Opinion of city's legal advisors.

I am told that the legal advisors of the city take the ground that the Mayor and City Council cannot delegate their authority in this matter. If this be so, the sooner the Legislature be asked to confer the necessary authority on the corporation the better.

No delay should be permitted.

Any one wishing to increase the taxable basis and improve the harbor generally by building a pier within the lines already laid

out by the State ought to be able, in forty-eight hours at farthest, at any and all seasons, to procure the necessary legal authorization, without cost or trouble of any kind beyond the subscription to a given form of application and the filing of a plat showing exactly what is asked for.

I have to express my thanks to the employees of the Board generally for prompt and faithful assistance, and especially to Mr. James H. Irvin, Jr., Clerk.

Respectfully, &c.,

N. H. HUTTON,

*Engineer.*

DO NOT CIRCULATE

267363

DO NOT CIRCULATE